

14 Color Screen Printing Process

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Summer Externship
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Facilities visited and interviews with:

[WaveFront Surf Shop, Ventura CA](#)

Owner, Randy Schaefer

[Trend Graphics, Newbury Park CA](#)

Owner, Chris Kaul



First stop: Wavefront Surf Shop, Ventura CA
Owner, Rancy Schaefer



Next stop: Trend Graphics, Newbury Park CA
Owner, Chris Kaul
14 color screen printer shown above

SEQUENCE SHEET 1 OF 1

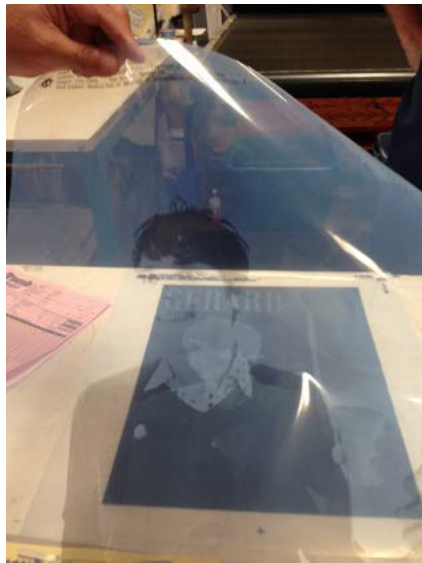
Design: Smith Way M216933
 Customer: WMG WARNER MUSIC GROUP
 Design#: 1101-12636 Date: 06-21-2016

Garment Colors **1** WHITE
2
3

1	2	3
1/A PMS 7500c Cream	305 Mesh	
2/B PMS 7459c Lt Blue	305 Mesh	
3/C PMS 7470c Blue	305 Mesh	
4/D Finesse White	305 Mesh	
(OPTIONAL FLASH)		
5/E Pro or Cut Black	305 Mesh	

seq	abc	ink name	ink	pms	mesh	scj	pass
1	A	tan		189c	305	P	1
2	B	Blue		467	305	U	1
3	C	Light Blue		112c	305	B	1
4	D	Bright White		305	B	1	1
5	E	Pro or Cut Black		305	F	1	1

The process: color specificatoin job sheet



Each specified color is output to film negatives. The photo negatives are used to photochemically produce a “stencil” on the screen mesh. Overlay and registration are carefully checked in preparation.



The screen printing process uses a porous mesh stretched tightly over a frame made of wood or metal. Proper tension is essential to accurate color registration. The mesh is made of porous fabric or stainless steel mesh. The one shown above is metal.



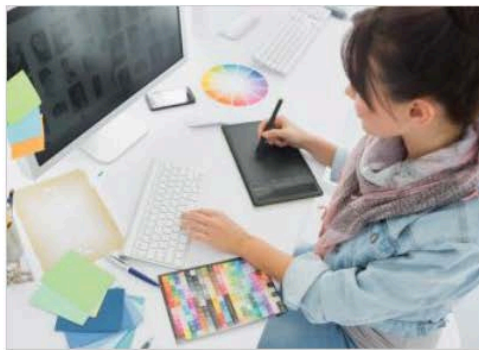
Before printing the entire run of shirts, the client must first sign off on the sample proof.

The client for this job is a concert promoter, the shirt will be sold at the Gerard Way concert. Gerard Arthur Way is an American singer, songwriter, musician, and comic book writer who was the lead vocalist and co-founder of the American alternative rock band My Chemical Romance. Wikipedia

Summary

Quick Facts: Graphic Designers

2015 Median Pay ?	\$46,900 per year \$22.55 per hour
Typical Entry-Level Education ?	Bachelor's degree
Work Experience in a Related Occupation ?	None
On-the-job Training ?	None
Number of Jobs, 2014 ?	261,600
Job Outlook, 2014-24 ?	1% (Little or no change)
Employment Change, 2014-24 ?	3,600



Graphic designers combine art and technology to develop graphics for product illustrations, logos, and websites.

What Graphic Designers Do

Graphic designers create visual concepts, using computer software or by hand, to communicate ideas that inspire, inform, and captivate consumers. They develop the overall layout and production design for various applications such as advertisements, brochures, magazines, and corporate reports.

Graphic Designers

Pay

[About this section](#) ?

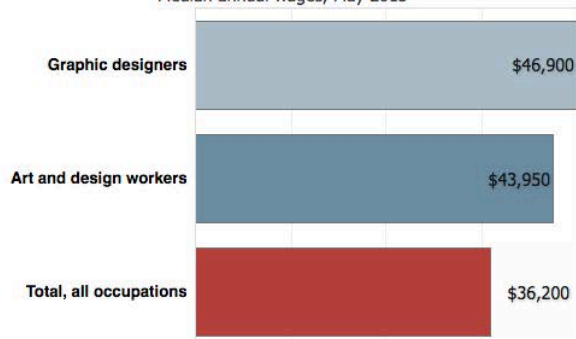
The median annual wage for graphic designers was \$46,900 in May 2015. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than \$27,560, and the highest 10 percent earned more than \$81,320.

In May 2015, the median annual wages for graphic designers in the top industries in which they worked were as follows:

Specialized design services	\$49,430
Advertising, public relations, and related services	47,070
Wholesale trade	45,360
Newspaper, periodical, book, and directory publishers	40,790
Printing and related support activities	37,990

Graphic Designers

Median annual wages, May 2015


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Graphic Designers

Job Outlook

[About this section](#) ?

Employment of graphic designers is projected to show little or no change from 2014 to 2024. The work of graphic designers will continue to be important in the marketing of products throughout the economy.

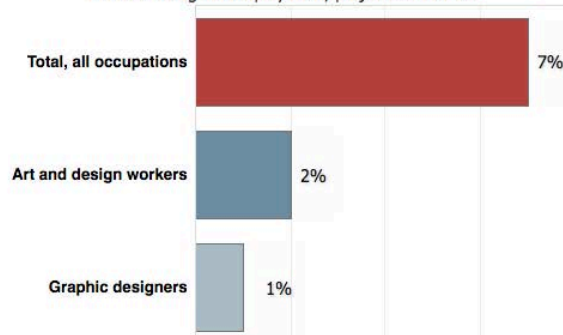
The change in employment of graphic designers from 2014 to 2024 is projected to vary by industry. Employment of graphic designers in newspaper, periodical, book, and directory publishers is projected to decline 35 percent from 2014 to 2024. However, employment of graphic designers in computer systems design and related services is projected to grow 21 percent over the same period. With the increasing use of the Internet, companies are increasing their digital presence and graphic designers will be needed to help create visually appealing and effective layouts of websites.

Job Prospects

Graphic designers are expected to face strong competition for available positions. Many talented individuals are attracted to careers as graphic designers. Prospects will be better for applicants who work with various types of media, such as websites and print publications.

Graphic Designers

Percent change in employment, projected 2014-24



Note: All Occupations includes all occupations in the U.S. Economy.
Source: U.S. Bureau of Labor Statistics, Employment Projections program

Employment projections data for graphic designers, 2014-24

Occupational Title	SOC Code	Employment, 2014	Projected Employment, 2024	Change, 2014-24		Employment by Industry
				Percent	Numeric	
Graphic designers	27-1024	261,600	265,200	1	3,600	[XLSX]

SOURCE: U.S. Bureau of Labor Statistics, Employment Projections program