

Converting Colors

Hex(6FA740)

Have a look what the booklet for
Hex(6FA740) contains.

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Color

Hex(6FA740)

Conversions

Conversions Part 1

Format	Color
Hex	6FA740
RGB	111, 167, 64
RGB Percent	44%, 65%, 25%
CMY	0.5647, 0.3451, 0.7490
CMYK	0.34, 0.00, 0.62, 0.35
HSL	93°, 45%, 45%
HSV	93°, 62%, 65%
XYZ	21.2997, 31.3871, 9.7862
YIQ	138.5140, -0.3130, -43.9050

Conversions

Conversions Part 2

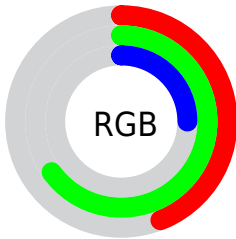
Format	Color
RYB	64, 167, 120
Decimal	7317312
CIELab	62.83, -36.10, 46.33
CIELCh	63, 58.732, 127.921
Yxy	31.3871, 0.3409, 0.5024
Android (android.graphics.Color)	4285507392 (0xFF6FA740)
YUV	138.5140, -36.7354, -24.1298
Hunter-Lab	56.0242, -30.1790, 28.8603

Details

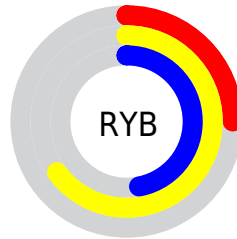
The Hex color **6FA740** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7840A7**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A6DF74**, and **3A7306** is the 20% darker color. If you saturate the color by 10%, you get **66A72F**, and if you desaturate by 10%, it is **78A751**.

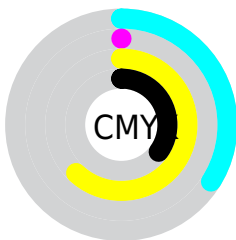
Distribution



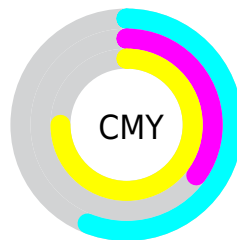
- Red (44%)
- Green (65%)
- Blue (25%)



- Red (25%)
- Yellow (65%)
- Blue (47%)



- Cyan (34%)
- Magenta (0%)
- Yellow (62%)
- Black (35%)



- Cyan (56%)
- Magenta (35%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA740 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6FA740 by changing the saturation by 10% instead.



6FA740



6FA740

FFFFFF



548C26



A6DF74



3A7306



C2FB8E



1D5A00



DFFFAA



004200



FCFFC5



002B00



FFFFE2



001200



000000



6FA740



6FA740



66A72F



78A751

 5DA71F

 81A761

 54A70E

 8AA772

 4CA700

 93A783

 9CA793

 A5A7A4

 AFA7B5

 B8A7C6

 C1A7D6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A79A26



6FA740



00AE6F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6FA740



00A8F8



F7678C

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6FA740



7840A7

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E26FC0



6FA740



4599FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6FA740



00AFD7



AD84EB



F0735B

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6FA740



00B193



AD84EB



F3689E

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6FA740



C2D9B0



A77740



606E54



EDEDED



6E6E6E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6FA740



82D938



40A743



50544C



439400



091400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7840A7



9038D9



A740A4



504C54



500094



0B0014

Previews

White Background



This preview shows how the Hex color 6FA740 looks on a white background.

Color Contrast Check

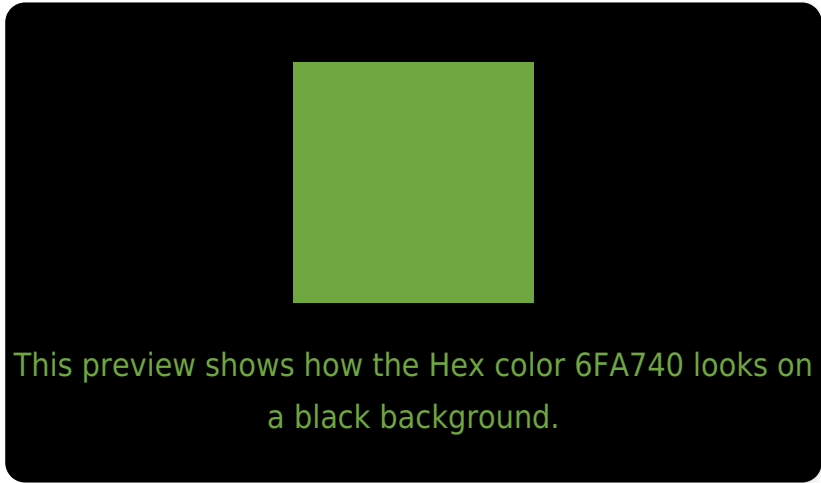
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

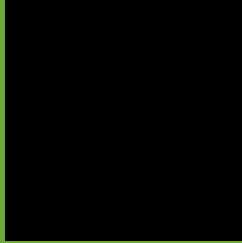
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6FA740 Background



This preview shows how black text looks on a background with the Hex color 6FA740.



This preview shows how white text looks on a background with the Hex color 6FA740.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
7E9CA9

Trichromacy



Original Color
6FA740

Protanomaly
949D3D

Deuteranomaly
9F9844

Tritanomaly
79A083

Monochromacy



Original Color
6FA740

Achromatopsia
8B8B8B

Achromatomaly
819570

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA740 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6FA740 looks like.

```
.text, #text, p{  
    color:#6FA740  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6FA740 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA740
}
```

Border

The CSS property to change the border of an element to Hex 6FA740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6FA740 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6FA740 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #6FA740 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA740; -webkit-box-shadow:4px 4px  
4px 4px #6FA740; box-shadow:4px 4px 4px  
4px #6FA740 }
```

Background

The CSS property to change the background color of an element to Hex 6FA740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA740 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6FA740 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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