

Converting Colors

Hex(6FA00D)

Have a look what the booklet for
Hex(6FA00D) contains.

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Color

Hex(6FA00D)

Conversions

Conversions Part 1

Format	Color
Hex	6FA00D
RGB	111, 160, 13
RGB Percent	44%, 63%, 5%
CMY	0.5647, 0.3725, 0.9490
CMYK	0.31, 0.00, 0.92, 0.37
HSL	80°, 85%, 34%
HSV	80°, 92%, 63%
XYZ	19.1990, 28.5502, 4.8796
YIQ	128.5910, 17.9830, -56.1050

Conversions

Conversions Part 2

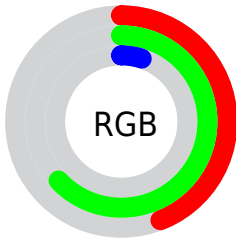
Format	Color
RYB	13, 160, 62
Decimal	7315469
CIELab	60.38, -35.86, 60.65
CIElCh	60, 70.464, 120.596
Yxy	28.5502, 0.3648, 0.5425
Android (android.graphics.Color)	4285505549 (0xFF6FA00D)
YUV	128.5910, -56.9864, -15.4273
Hunter-Lab	53.4324, -29.3691, 31.9881

Details

The Hex color **6FA00D** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3E0DA0**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A7D74D**, and **386C00** is the 20% darker color. If you saturate the color by 10%, you get **6BA000**, and if you desaturate by 10%, it is **74A01D**.

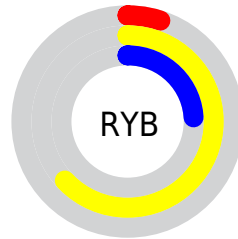
Distribution



Red (44%)

Green (63%)

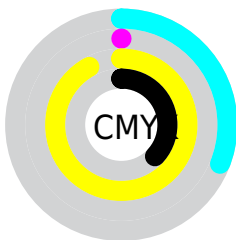
Blue (5%)



Red (5%)

Yellow (63%)

Blue (24%)

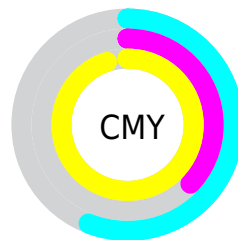


Cyan (31%)

Magenta (0%)

Yellow (92%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA00D 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 6FA00D by changing the saturation by 10% instead.



6FA00D



6FA00D

FFFFFF



548600



A7D74D



386C00



C4F469



1A5300



E1FF84



003C00



FEFFA0



002700



FFFFBC



000300



FFFFD9



000000



FFFFFF6



6FA00D



6FA00D

■ 6BA000

■ 74A01D

■ 7AA02D

■ 7FA03D

■ 84A04D

■ 8AA05D

■ 8FA06D

■ 94A07D

■ 9AA08D

■ 9FA09D

Harmonies

Analogous

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



AD8F00



6FA00D



00A951

Triad

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



6FA00D



00A7FE



FD4F93

Complementary

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



6FA00D



3E0DA0

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.



DC62D0



6FA00D



0099FF

Square

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



6FA00D



00ADCF



9080FD



FB5B56

Rectangle

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



6FA00D



00AD7B



9080FD



F652A8

Sweetspot

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



6FA00D



BED197



A03E0D



5D6945



E8E8E8



696969

Same Dimension

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



6FA00D



8BD100



25A00D



4C4F47



5F8F00



0A0F00

Inverse Universe

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



3E0DA0



4600D1



880DA0



4A474F



30008F



05000F

Previews

White Background



This preview shows how the Hex color 6FA00D looks on a white background.

Color Contrast Check

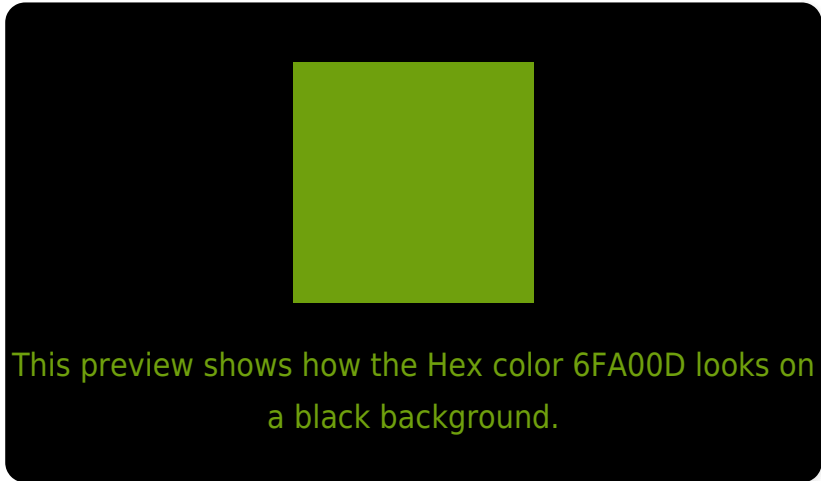
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 6FA00D Background



This preview shows how black text looks on a background with the Hex color 6FA00D.



This preview shows how white text looks on a background with the Hex color 6FA00D.

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



Original Color
6FA00D

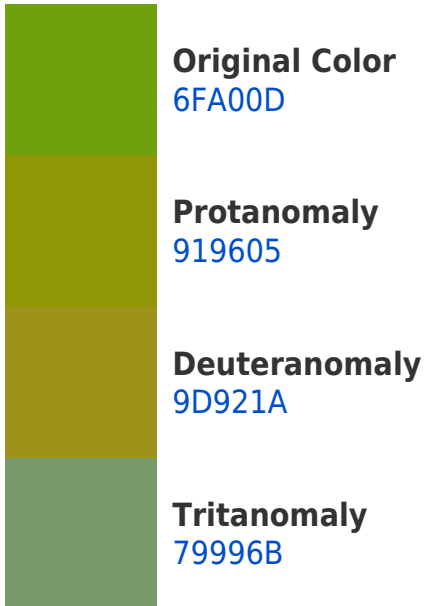
Protanopia
A49100

Deuteranopia
B78A21

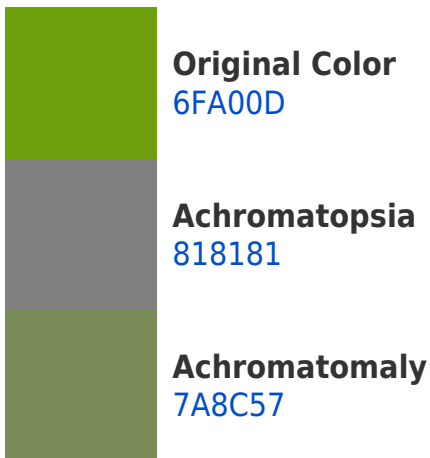


Tritanopia
7E95A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA00D 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 #6FA00D looks like.

```
.text, #text, p{  
    color:#6FA00D  
}
```

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 #6FA00D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA00D
}
```

Border

The CSS property to change the border of an element to Hex 6FA00D 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
#6FA00D }
```

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

```
.border{ border-color:#6FA00D }
```

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

Here you see how a box with a 4 pixel #6FA00D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA00D; -webkit-box-shadow:4px 4px  
4px 4px #6FA00D; box-shadow:4px 4px 4px  
4px #6FA00D }
```

Background

The CSS property to change the background color of an element to Hex 6FA00D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA00D }
```

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

```
.background{ background-color:#6FA00D }
```

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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