

Converting Colors

Hex(6F9D00)

Have a look what the booklet for
Hex(6F9D00) contains.

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Color

Hex(6F9D00)

Conversions

Conversions Part 1

Format	Color
Hex	6F9D00
RGB	111, 157, 0
RGB Percent	44%, 62%, 0%
CMY	0.5647, 0.3843, 1.0000
CMYK	0.29, 0.00, 1.00, 0.38
HSL	78°, 100%, 31%
HSV	78°, 100%, 62%
XYZ	18.6125, 27.4934, 4.3258
YIQ	125.3480, 22.9810, -58.5790

Conversions

Conversions Part 2

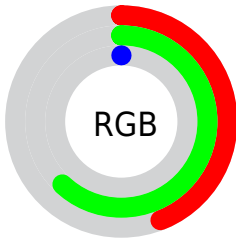
Format	Color
RYB	0, 157, 46
Decimal	7314688
CIELab	59.43, -34.77, 61.80
CIELCh	59, 70.914, 119.361
Yxy	27.4934, 0.3691, 0.5452
Android (android.graphics.Color)	4285504768 (0xFF6F9D00)
YUV	125.3480, -61.7966, -12.5832
Hunter-Lab	52.4342, -28.3979, 31.8126

Details

The Hex color **6F9D00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **2E009D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A7D448**, and **386900** is the 20% darker color. If you saturate the color by 10%, you get **6F9D00**, and if you desaturate by 10%, it is **749D10**.

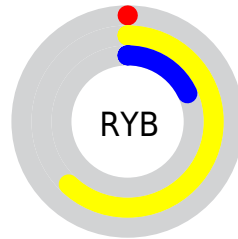
Distribution



Red (44%)

Green (62%)

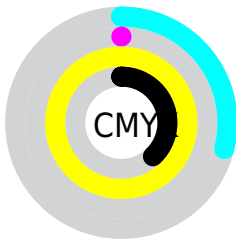
Blue (0%)



Red (0%)

Yellow (62%)

Blue (18%)

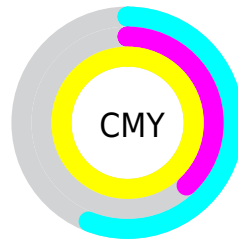


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (56%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F9D00 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 6F9D00 by changing the saturation by 10% instead.



6F9D00



6F9D00

FFFFFF



548300



A7D448



386900



C4F064



1A5100



E1FF7F



003900



FFFF9B



002500



FFFFB7



000000



FFFFD4



FFFFF1



6F9D00

 749D10

 789D1F

 7D9D2F

 819D3F

 869D4F

 8B9D5E

 8F9D6E

 949D7E

 989D8D

Harmonies

Analogous

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



AD8C00



6F9D00



00A74B

Triad

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



6F9D00



00A5FA



FA4B93

Complementary

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



6F9D00



2E009D

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.



D860D0



6F9D00



0097FF

Square

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



6F9D00



00ABCB



887FFD



F95656

Rectangle

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



6F9D00



00AA76



887FFD



F34FA8

Sweetspot

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



6F9D00



BACC8F



9D2C00



5B6641



E6E6E6



666666

Same Dimension

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



6F9D00



90CC00



229D00



4D4F47



658F00



0B0F00

Inverse Universe

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



2E009D



3C00CC



7B009D



49474F



2A008F



04000F

Previews

White Background



This preview shows how the Hex color 6F9D00 looks on a white background.

Color Contrast Check

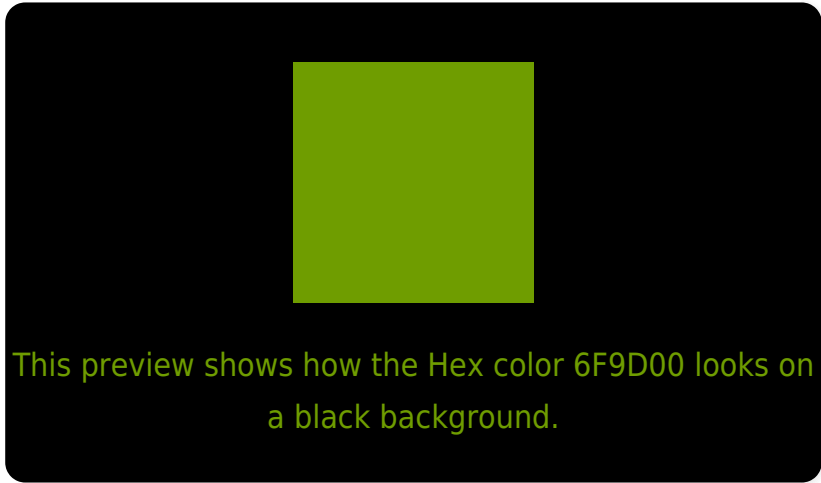
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F9D00 Background



This preview shows how black text looks on a background with the Hex color 6F9D00.



This preview shows how white text looks on a background with the Hex color 6F9D00.

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
6F9D00

Protanopia
A18F00

Deuteranopia
B4871E



Tritanopia
7E929E

Trichromacy



Original Color
6F9D00

Protanomaly
8F9400

Deuteranomaly
9B8F13

Tritanomaly
799665

Monochromacy



Original Color
6F9D00

Achromatopsia
7D7D7D

Achromatomaly
788950

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F9D00 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 #6F9D00 looks like.

```
.text, #text, p{  
    color:#6F9D00  
}
```

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 #6F9D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F9D00
}
```

Border

The CSS property to change the border of an element to Hex 6F9D00 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
#6F9D00 }
```

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

```
.border{ border-color:#6F9D00 }
```

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

Here you see how a box with a 4 pixel #6F9D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F9D00; -webkit-box-shadow:4px 4px  
4px 4px #6F9D00; box-shadow:4px 4px 4px  
4px #6F9D00 }
```

Background

The CSS property to change the background color of an element to Hex 6F9D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F9D00 }
```

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

```
.background{ background-color:#6F9D00 }
```

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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