

Converting Colors

Hex(6F6F00)

Have a look what the booklet for
Hex(6F6F00) contains.

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Color

Hex(6F6F00)

Conversions

Conversions Part 1

Format	Color
Hex	6F6F00
RGB	111, 111, 0
RGB Percent	44%, 44%, 0%
CMY	0.5647, 0.5647, 1.0000
CMYK	0.00, 0.00, 1.00, 0.56
HSL	60°, 100%, 22%
HSV	60°, 100%, 44%
XYZ	12.2400, 14.7484, 2.2016
YIQ	98.3460, 35.6310, -34.5210

Conversions

Conversions Part 2

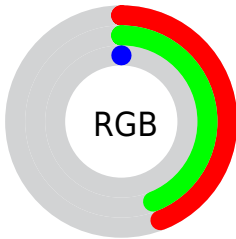
Format	Color
RYB	0, 111, 0
Decimal	7302912
CIELab	45.29, -11.68, 51.18
CIELCh	45, 52.497, 102.852
Yxy	14.7484, 0.4193, 0.5053
Android (android.graphics.Color)	4285492992 (0xFF6F6F00)
YUV	98.3460, -48.4846, 11.0976
Hunter-Lab	38.4036, -10.3149, 23.4836

Details

The Hex color **6F6F00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **00006F**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A6A23E**, and **3B4000** is the 20% darker color. If you saturate the color by 10%, you get **6F6F00**, and if you desaturate by 10%, it is **6F6F0B**.

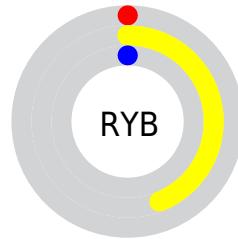
Distribution



Red (44%)

Green (44%)

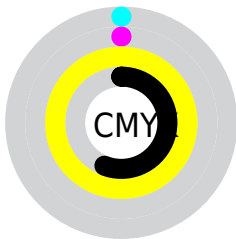
Blue (0%)



Red (0%)

Yellow (44%)

Blue (0%)

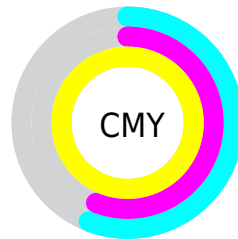


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F6F00 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 6F6F00 by changing the saturation by 10% instead.



6F6F00



6F6F00

FFFFFFD



555700



A6A23E



3B4000



C2BD58



222A00



DFD972



001700



FDF58C



000000



FFFFA8



FFFFC4



FFFFE0



6F6F00

 6F6F0B

 6F6F16

 6F6F21

 6F6F2C

 6F6F38

 6F6F43

 6F6F4E

 6F6F59

 6F6F64

Harmonies

Analogous

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



95600C



6F6F00



3D7925

Triad

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



6F6F00



007EA6



AD4486

Complementary

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



6F6F00



00006F

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.



8557AC



6F6F00



0077BF

Square

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



6F6F00



00807D



2F6AC1



BA3F5A

Rectangle

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



6F6F00



007D41



2F6AC1



A34A94

Sweetspot

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



6F6F00



919166



6F0000



4A4A2F



C9C9C9



4A4A4A

Same Dimension

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



6F6F00



919100



386F00



383832



787800



F7F700

Inverse Universe

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



00006F



000091



38006F



323238



000078



0000F7

Previews

White Background



This preview shows how the Hex color 6F6F00 looks on a white 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

Black 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

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

Hex 6F6F00 Background



This preview shows how black text looks on a background with the Hex color 6F6F00.



This preview shows how white text looks on a background with the Hex color 6F6F00.

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
6F6F00

Protanopia
796C00

Deuteranopia
876611



Tritanopia
76676F

Trichromacy



Original Color
6F6F00

Protanomaly
756D00

Deuteranomaly
7E690B

Tritanomaly
736A47

Monochromacy



Original Color
6F6F00

Achromatopsia
626262

Achromatomaly
67673E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F6F00 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 #6F6F00 looks like.

```
.text, #text, p{  
    color:#6F6F00  
}
```

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 #6F6F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6F00  
}
```

Border

The CSS property to change the border of an element to Hex 6F6F00 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  
#6F6F00 }
```

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

```
.border{ border-color:#6F6F00 }
```

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

Here you see how a box with a 4 pixel #6F6F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6F00; -webkit-box-shadow:4px 4px  
4px 4px #6F6F00; box-shadow:4px 4px 4px  
4px #6F6F00 }
```

Background

The CSS property to change the background color of an element to Hex 6F6F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6F00 }
```

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

```
.background{ background-color:#6F6F00 }
```

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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