

Converting Colors

Hex(6F6A12)

Have a look what the booklet for
Hex(6F6A12) contains.

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Color

Hex(6F6A12)

Conversions

Conversions Part 1

Format	Color
Hex	6F6A12
RGB	111, 106, 18
RGB Percent	44%, 42%, 7%
CMY	0.5647, 0.5843, 0.9294
CMYK	0.00, 0.05, 0.84, 0.56
HSL	57°, 72%, 25%
HSV	57°, 84%, 44%
XYZ	11.8188, 13.7312, 2.5997
YIQ	97.4630, 31.2280, -26.3080

Conversions

Conversions Part 2

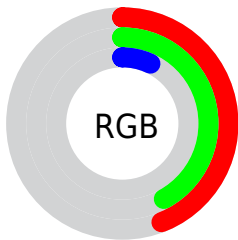
Format	Color
RYB	23, 111, 18
Decimal	7301650
CIELab	43.85, -8.39, 45.59
CIELCh	44, 46.356, 100.426
Yxy	13.7312, 0.4199, 0.4878
Android (android.graphics.Color)	4285491730 (0xFF6F6A12)
YUV	97.4630, -39.1753, 11.8719
Hunter-Lab	37.0557, -7.9156, 21.7793

Details

The Hex color **6F6A12** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **12176F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A59D46**, and **3C3B00** is the 20% darker color. If you saturate the color by 10%, you get **6F6907**, and if you desaturate by 10%, it is **6F6B1D**.

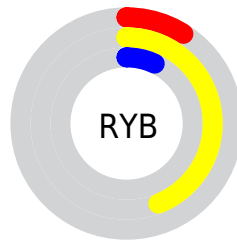
Distribution



Red (44%)

Green (42%)

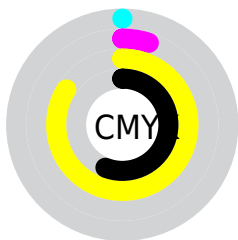
Blue (7%)



Red (9%)

Yellow (44%)

Blue (7%)

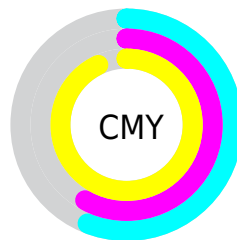


Cyan (0%)

Magenta (5%)

Yellow (84%)

Black (56%)



Cyan (56%)

Magenta (58%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F6A12 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 6F6A12 by changing the saturation by 10% instead.



6F6A12



6F6A12

FFFFFF



555200



A59D46



3C3B00



C2B860



232600



DED37A



001200



FCF094



000000



FFFFB0



FFFFCB



FFFFE8



6F6A12



6F6A12

■ 6F6907

■ 6F6B1D

■ 6F6900

■ 6F6B28

■ 6F6C33

■ 6F6C3E

■ 6F6D4A

■ 6F6E55

■ 6F6E60

■ 6F6F6B

■ 6F6F76

Harmonies

Analogous

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



905C1B



6F6A12



457329

Triad

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



6F6A12



007999



A04882

Complementary

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



6F6A12



12176F

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.



7B58A3



6F6A12



0073B0

Square

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



6F6A12



007A74



3167B4



AD435C

Rectangle

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



6F6A12



167740



3167B4



964D8E

Sweetspot

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



6F6A12



918F6D



6F1218



4A4934



C9C9C9



4A4A4A

Same Dimension

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



6F6A12



918A00



476F12



383832



787100



F7EA00

Inverse Universe

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



12176F



000891



3A126F



323338



000678



000DF7

Previews

White Background



This preview shows how the Hex color 6F6A12 looks on a white background.

Color Contrast Check

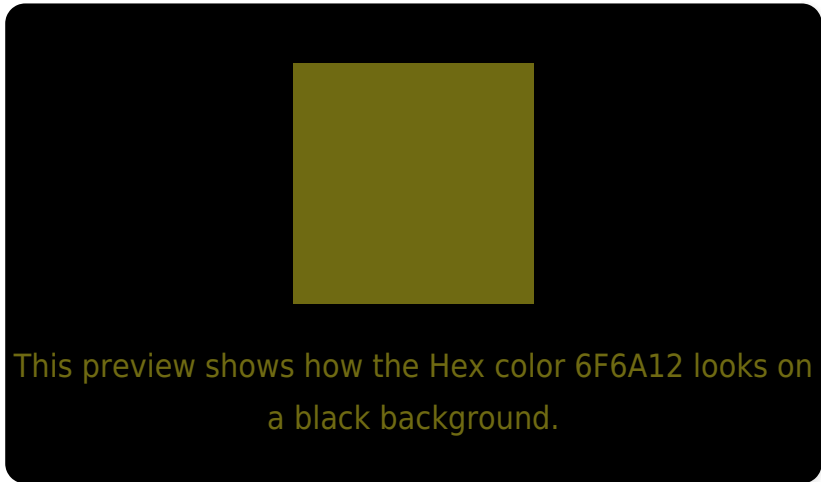
Large Text (above 18pt) WCAG AA ✓ Pass

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 6F6A12 Background



This preview shows how black text looks on a background with the Hex color 6F6A12.



This preview shows how white text looks on a background with the Hex color 6F6A12.

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
6F6A12

Protanopia
756811

Deuteranopia
836217



Tritanopia
76636A

Trichromacy



Original Color
6F6A12

Protanomaly
736911

Deuteranomaly
7C6515

Tritanomaly
73664A

Monochromacy



Original Color
6F6A12

Achromatopsia
616161

Achromatomaly
666444

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F6A12 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 #6F6A12 looks like.

```
.text, #text, p{  
    color:#6F6A12  
}
```

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 #6F6A12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F6A12
}
```

Border

The CSS property to change the border of an element to Hex 6F6A12 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
#6F6A12 }
```

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

```
.border{ border-color:#6F6A12 }
```

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

Here you see how a box with a 4 pixel #6F6A12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F6A12; -webkit-box-shadow:4px 4px  
4px 4px #6F6A12; box-shadow:4px 4px 4px  
4px #6F6A12 }
```

Background

The CSS property to change the background color of an element to Hex 6F6A12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F6A12 }
```

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

```
.background{ background-color:#6F6A12 }
```

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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