

Converting Colors

Hex(6F2B02)

Have a look what the booklet for
Hex(6F2B02) contains.

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Color

Hex(6F2B02)

Conversions

Conversions Part 1

Format	Color
Hex	6F2B02
RGB	111, 43, 2
RGB Percent	44%, 17%, 1%
CMY	0.5647, 0.8314, 0.9922
CMYK	0.00, 0.61, 0.98, 0.56
HSL	23°, 96%, 22%
HSV	23°, 98%, 44%
XYZ	7.4304, 5.1116, 0.6525
YIQ	58.6580, 53.6890, 1.6650

Conversions

Conversions Part 2

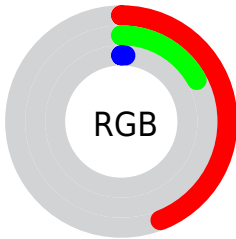
Format	Color
RYB	111, 68, 2
Decimal	7285506
CIELab	27.05, 28.23, 37.31
CIELCh	27, 46.784, 52.884
Yxy	5.1116, 0.5631, 0.3874
Android (android.graphics.Color)	4285475586 (0xFF6F2B02)
YUV	58.6580, -27.9324, 45.9039
Hunter-Lab	22.6089, 19.0980, 14.1153

Details

The Hex color **6F2B02** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **02466F**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A85B31**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **6F2A00**, and if you desaturate by 10%, it is **6F320D**.

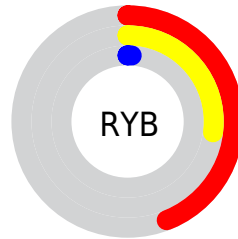
Distribution



Red (44%)

Green (17%)

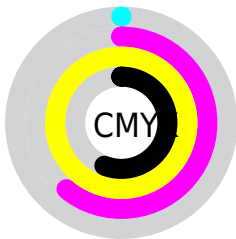
Blue (1%)



Red (44%)

Yellow (27%)

Blue (1%)

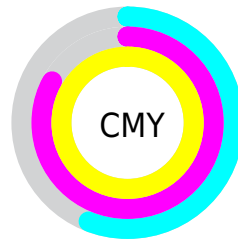


Cyan (0%)

Magenta (61%)

Yellow (98%)

Black (56%)



Cyan (56%)

Magenta (83%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F2B02 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 6F2B02 by changing the saturation by 10% instead.

 6F2B02

 6F2B02

 FFFFE8

 531300

 A85B31

 380000

 C67449

 1D0001

 E48E61

 000000

 FFA97B

 FFC495

 FFE0B0

 FFFDCB

 6F2B02

 6F2B02

■ 6F2A00

■ 6F320D

■ 6F3918

■ 6F4023

■ 6F472E

■ 6F4E3A

■ 6F5545

■ 6F5B50

■ 6F625B

■ 6F6966

Harmonies

Analogous

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



7D1727



6F2B02



563B00

Triad

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



6F2B02



004F36



273A83

Complementary

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



6F2B02



02466F

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.



004788



6F2B02



004F5B

Square

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



6F2B02



004C0F



004D79



62276C

Rectangle

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



6F2B02



414300



004D79



003F86

Sweetspot

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



6F2B02



917767



6F0247



4A3A30



C9C9C9



4A4A4A

Same Dimension

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



6F2B02



913700



6F6002



383532



782D00



F75D00

Inverse Universe

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



02466F



005B91



02116F



323638



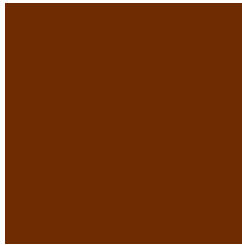
004B78



009AF7

Previews

White Background



This preview shows how the Hex color 6F2B02 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

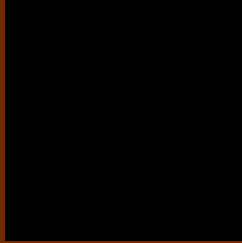
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 6F2B02 Background



This preview shows how black text looks on a background with the Hex color 6F2B02.



This preview shows how white text looks on a background with the Hex color 6F2B02.

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
6F2B02

Protanopia
49410B

Deuteranopia
523E00



Tritanopia
70282A

Trichromacy



Original Color
6F2B02

Protanomaly
573908

Deuteranomaly
5D3701

Tritanomaly
70291B

Monochromacy



Original Color
6F2B02

Achromatopsia
3B3B3B

Achromatomaly
4E3526

CSS Examples

Text

The CSS property to change the color of the text to Hex 6F2B02 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 #6F2B02 looks like.

```
.text, #text, p{  
    color:#6F2B02  
}
```

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 #6F2B02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F2B02
}
```

Border

The CSS property to change the border of an element to Hex 6F2B02 is called "border". The border property can be set on classes, ids or directly on the HTML element.

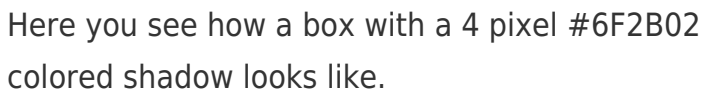
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F2B02 }
```

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

```
.border{ border-color:#6F2B02 }
```

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



Here you see how a box with a 4 pixel #6F2B02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F2B02; -webkit-box-shadow:4px 4px  
4px 4px #6F2B02; box-shadow:4px 4px 4px  
4px #6F2B02 }
```

Background

The CSS property to change the background color of an element to Hex 6F2B02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F2B02 }
```

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

```
.background{ background-color:#6F2B02 }
```

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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