

Converting Colors

Hex(6B5C02)

Have a look what the booklet for
Hex(6B5C02) contains.

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Color

Hex(6B5C02)

Conversions

Conversions Part 1

Format	Color
Hex	6B5C02
RGB	107, 92, 2
RGB Percent	42%, 36%, 1%
CMY	0.5804, 0.6392, 0.9922
CMYK	0.00, 0.14, 0.98, 0.58
HSL	51°, 96%, 21%
HSV	51°, 98%, 42%
XYZ	9.9015, 10.7845, 1.6172
YIQ	86.2250, 37.8300, -24.8100

Conversions

Conversions Part 2

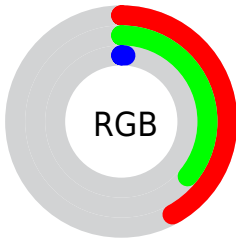
Format	Color
R_{YB}	20, 107, 2
Decimal	7035906
CIE _{Lab}	39.22, -2.73, 46.04
CIE _{LCh}	39, 46.117, 93.395
Yxy	10.7845, 0.4440, 0.4835
Android (android.graphics.Color)	4285225986 (0xFF6B5C02)
YUV	86.2250, -41.5229, 18.2197
Hunter-Lab	32.8397, -3.6500, 20.0681

Details

The Hex color **6B5C02** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **02116B**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A28E3A**, and **372F00** is the 20% darker color. If you saturate the color by 10%, you get **6B5C00**, and if you desaturate by 10%, it is **6B5E0D**.

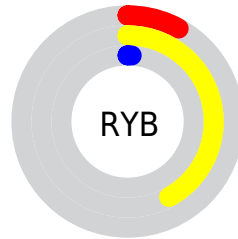
Distribution



Red (42%)

Green (36%)

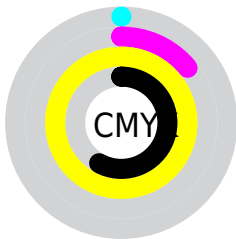
Blue (1%)



Red (8%)

Yellow (42%)

Blue (1%)

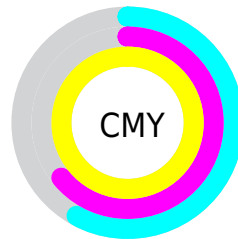


Cyan (0%)

Magenta (14%)

Yellow (98%)

Black (58%)



Cyan (58%)

Magenta (64%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5C02 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 6B5C02 by changing the saturation by 10% instead.

 6B5C02

 6B5C02

 FFFFF7

 514500

 A28E3A

 372F00

 BEA853

 1F1A00

 DBC36D

 000000

 F8DF87

 FFFCA2

 FFFFBE

 FFFFDA

 6B5C02

 6B5C02

■ 6B5C00

■ 6B5E0D

■ 6B5F17

■ 6B6122

■ 6B622D

■ 6B6438

■ 6B6542

■ 6B674D

■ 6B6858

■ 6B6A62

Harmonies

Analogous

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



894E16



6B5C02



456616

Triad

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



6B5C02



006D85



8D407F

Complementary

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



6B5C02



02116B

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.



62509B



6B5C02



00699F

Square

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



6B5C02



006E60



005FA8



9F375A

Rectangle

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



6B5C02



1E6A2D



005FA8



82458A

Sweetspot

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



6B5C02



8C8664



6B0212



47442E



C7C7C7



474747

Same Dimension

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



6B5C02



8C7800



466B02



363530



756500



F5D200

Inverse Universe

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



02116B



00148C



27026B



303136



001175



0023F5

Previews

White Background



This preview shows how the Hex color 6B5C02 looks on a white background.

Color Contrast Check

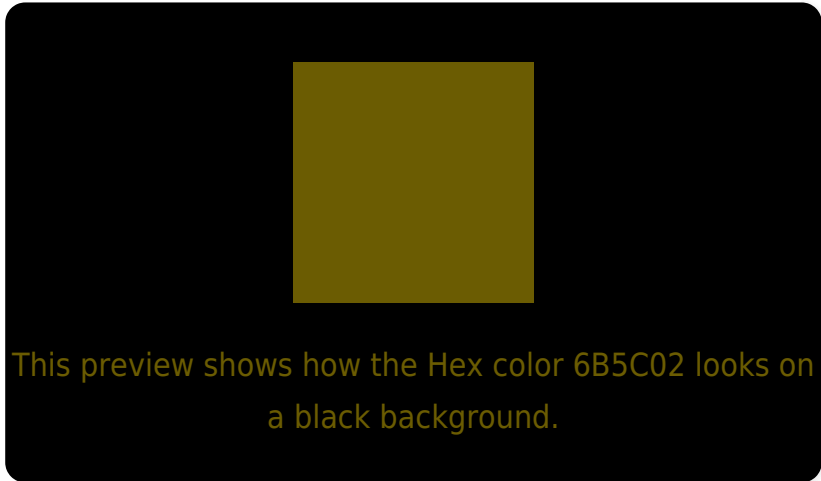
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B5C02 Background



This preview shows how black text looks on a background with the Hex color 6B5C02.



This preview shows how white text looks on a background with the Hex color 6B5C02.

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
6B5C02

Protanopia
695D03

Deuteranopia
75580B



Tritanopia
70565C

Trichromacy



Original Color
6B5C02

Protanomaly
6A5D03

Deuteranomaly
715908

Tritanomaly
6E583B

Monochromacy



Original Color
6B5C02

Achromatopsia
565656

Achromatomaly
5E5837

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5C02 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 #6B5C02 looks like.

```
.text, #text, p{  
    color:#6B5C02  
}
```

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 #6B5C02 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5C02
}
```

Border

The CSS property to change the border of an element to Hex 6B5C02 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
#6B5C02 }
```

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

```
.border{ border-color:#6B5C02 }
```

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

Here you see how a box with a 4 pixel #6B5C02 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5C02; -webkit-box-shadow:4px 4px  
4px 4px #6B5C02; box-shadow:4px 4px 4px  
4px #6B5C02 }
```

Background

The CSS property to change the background color of an element to Hex 6B5C02 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5C02 }
```

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

```
.background{ background-color:#6B5C02 }
```

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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