

Converting Colors

Hex(6B5118)

Have a look what the booklet for
Hex(6B5118) contains.

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Color

Hex(6B5118)

Conversions

Conversions Part 1

Format	Color
Hex	6B5118
RGB	107, 81, 24
RGB Percent	42%, 32%, 9%
CMY	0.5804, 0.6824, 0.9059
CMYK	0.00, 0.24, 0.78, 0.58
HSL	41°, 63%, 26%
HSV	41°, 78%, 42%
XYZ	9.1707, 9.0766, 2.1328

Conversions

Conversions Part 2

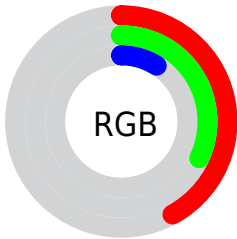
Format	Color
R _Y B	62, 107, 24
Decimal	7033112
CIE Lab	36.13, 4.62, 35.97
CIE LCh	36, 36.265, 82.674
Yxy	9.0766, 0.4500, 0.4454
Android (android.graphics.Color)	4285223192 (0xFF6B5118)
YUV	82.2760, -28.7301, 21.6829

Details

The Hex color **6B5118** is a dark color, and the **websafe** version is hex **996633**. A complement of this color would be **18326B**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A18247**, and **382500** is the 20% darker color. If you saturate the color by 10%, you get **6B4E0D**, and if you desaturate by 10%, it is **6B5423**.

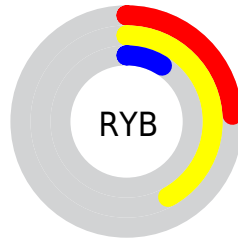
Distribution



Red (42%)

Green (32%)

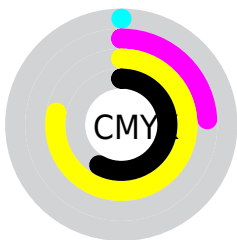
Blue (9%)



Red (24%)

Yellow (42%)

Blue (9%)

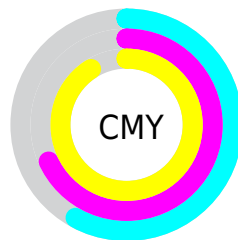


Cyan (0%)

Magenta (24%)

Yellow (78%)

Black (58%)



Cyan (58%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B5118 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 6B5118 by changing the saturation by 10% instead.

 6B5118

 866930

 A18247

 BD9C60

 DAB779

 F7D293

 FFEFAE

 FFFFCA

 FFFFEE

FFFFFF

 6B5118

 513A00

 382500

 201000

 000000

 6B5118

 6B4E0D

 6B4A03

 6B4900

 6B5118

 6B5423

 6B582D

 6B5B38

 6B5E43

 6B624E

■ 6B6558

■ 6B6863

■ 6B6C6E

■ 6B6F78

Harmonies

Analogous

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



804627



6B5118



4F5A1B

Triad

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



6B5118



00636B



724479

Complementary

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



6B5118



18326B

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.



4A508B



6B5118



006183

Square

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



6B5118



00634D



005A8F



863C5D

Rectangle

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



6B5118



395E28



005A8F



674880

Sweetspot

The sweet spot groups the original color and five complimentary colors.



6B5118



8C826C



6B1832



474133



C7C7C7



474747

Previews

White Background



This preview shows how the Hex color 6B5118 looks on a white background.

Color Contrast Check

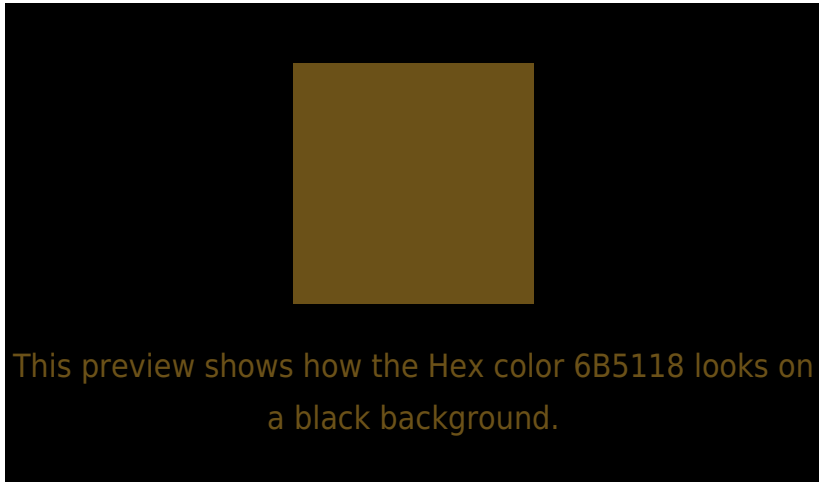
Large Text (above 18pt) WCAG AA ✓ Pass

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

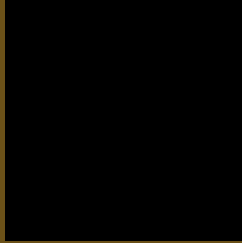
Any Text WCAG AA × Fail

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 6B5118 Background



This preview shows how black text looks on a background with the Hex color 6B5118.



This preview shows how white text looks on a background with the Hex color 6B5118.

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
6B5118

Protanopia
605519

Deuteranopia
6B5118



Tritanopia
6F4C51

Trichromacy



Original Color
6B5118

Protanomaly
645419

Deuteranomaly
6B5118

Tritanomaly
6E4E3C

Monochromacy



Original Color
6B5118

Achromatopsia
525252

Achromatomaly
5B523D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B5118 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 #6B5118 looks like.

```
.text, #text, p{  
    color:#6B5118  
}
```


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 #6B5118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B5118
}
```

Border

The CSS property to change the border of an element to Hex 6B5118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

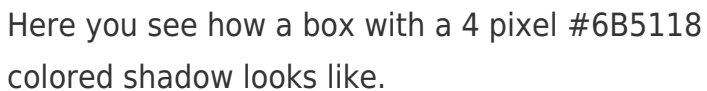
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B5118 }
```

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

```
.border{ border-color:#6B5118 }
```

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



Here you see how a box with a 4 pixel #6B5118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B5118; -webkit-box-shadow:4px 4px  
4px 4px #6B5118; box-shadow:4px 4px 4px  
4px #6B5118 }
```

Background

The CSS property to change the background color of an element to Hex 6B5118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B5118 }
```

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

```
.background{ background-color:#6B5118 }
```

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](#).

Hey! You found this booklet interesting? Have a look at my other booklet **HOWCOLORS.WORK – A CSS color notation guide.**



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

[Buy now, starting at \\$4.99!](#)

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