

Converting Colors

Hex(6E5118)

Have a look what the booklet for
Hex(6E5118) contains.

Hex(6E5118)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6E5118)

Conversions

Conversions Part 1

Format	Color
Hex	6E5118
RGB	110, 81, 24
RGB Percent	43%, 32%, 9%
CMY	0.5686, 0.6824, 0.9059
CMYK	0.00, 0.26, 0.78, 0.57
HSL	40°, 64%, 26%
HSV	40°, 78%, 43%
XYZ	9.5377, 9.2658, 2.1499
YIQ	83.1730, 35.5810, -11.5790

Conversions

Conversions Part 2

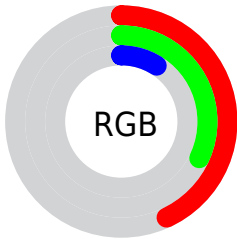
Format	Color
R _Y B	68, 110, 24
Decimal	7229720
CIE Lab	36.49, 6.09, 36.44
CIE LCh	36, 36.951, 80.509
Yxy	9.2658, 0.4552, 0.4422
Android (android.graphics.Color)	4285419800 (0xFF6E5118)
YUV	83.1730, -29.1723, 23.5273
Hunter-Lab	30.4398, 2.6598, 17.1202

Details

The Hex color **6E5118** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18356E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A58247**, and **3B2500** is the 20% darker color. If you saturate the color by 10%, you get **6E4D0D**, and if you desaturate by 10%, it is **6E5523**.

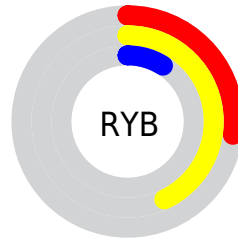
Distribution



Red (43%)

Green (32%)

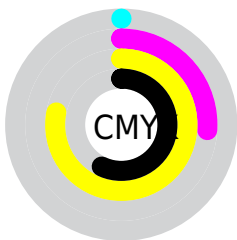
Blue (9%)



Red (27%)

Yellow (43%)

Blue (9%)

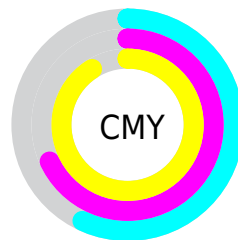


Cyan (0%)

Magenta (26%)

Yellow (78%)

Black (57%)



Cyan (57%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E5118 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 6E5118 by changing the saturation by 10% instead.

 6E5118

 6E5118

FFFFFF

 543A00

 A58247

 3B2500

 C19C60

 221100

 DEB779

 000000

 FBD294

 FFEFAF

 FFFFCA

 FFFF7E

 6E5118

 6E5118

■ 6E4D0D

■ 6E5523

■ 6E4A02

■ 6E582E

■ 6E4900

■ 6E5C39

■ 6E6044

■ 6E644F

■ 6E675A

■ 6E6B65

■ 6E6F70

■ 6E727B

Harmonies

Analogous

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



834629



6E5118



525A1A

Triad

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



6E5118



00646A



71457C

Complementary

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



6E5118



18356E

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.



46528E



6E5118



006283

Square

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



6E5118



00644B



005C90



873C61

Rectangle

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



6E5118



3C5F26



005C90



654A83

Sweetspot

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



6E5118



8F846E



6E1836



474133



C7C7C7



474747

Same Dimension

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



6E5118



8F6209



616E18



383632



784F00



F7A400

Inverse Universe

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



18356E



09368F



25186E



323438



002878



0053F7

Previews

White Background



This preview shows how the Hex color 6E5118 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

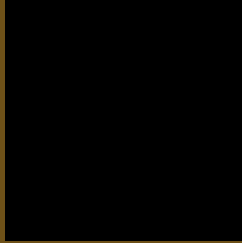
Any Text WCAG AA × Fail

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 6E5118 Background



This preview shows how black text looks on a background with the Hex color 6E5118.



This preview shows how white text looks on a background with the Hex color 6E5118.

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
6E5118

Protanopia
615619

Deuteranopia
6C5218



Tritanopia
724C51

Trichromacy



Original Color
6E5118

Protanomaly
665419

Deuteranomaly
6D5218

Tritanomaly
714E3C

Monochromacy



Original Color
6E5118

Achromatopsia
535353

Achromatomaly
5D523E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E5118 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 #6E5118 looks like.

```
.text, #text, p{  
    color:#6E5118  
}
```

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 #6E5118 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5118  
}
```

Border

The CSS property to change the border of an element to Hex 6E5118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

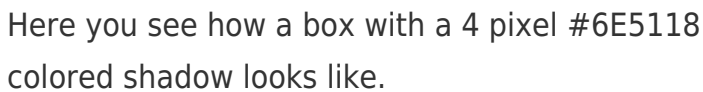
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6E5118 }
```

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

```
.border{ border-color:#6E5118 }
```

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



Here you see how a box with a 4 pixel #6E5118 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5118; -webkit-box-shadow:4px 4px  
4px 4px #6E5118; box-shadow:4px 4px 4px  
4px #6E5118 }
```

Background

The CSS property to change the background color of an element to Hex 6E5118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5118 }
```

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

```
.background{ background-color:#6E5118 }
```

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? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor