

Converting Colors

Hex(6E5218)

Have a look what the booklet for
Hex(6E5218) contains.

Hex(6E5218)	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(6E5218)

Conversions

Conversions Part 1

Format	Color
Hex	6E5218
RGB	110, 82, 24
RGB Percent	43%, 32%, 9%
CMY	0.5686, 0.6784, 0.9059
CMYK	0.00, 0.25, 0.78, 0.57
HSL	40°, 64%, 26%
HSV	40°, 78%, 43%
XYZ	9.6126, 9.4155, 2.1749
YIQ	83.7600, 35.3060, -12.1020

Conversions

Conversions Part 2

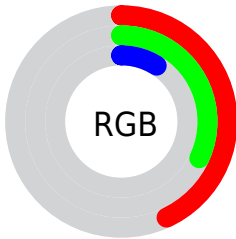
Format	Color
R_{YB}	66, 110, 24
Decimal	7229976
CIE Lab	36.77, 5.49, 36.72
CIE LCh	37, 37.129, 81.501
Yxy	9.4155, 0.4534, 0.4441
Android (android.graphics.Color)	4285420056 (0xFF6E5218)
YUV	83.7600, -29.4617, 23.0125
Hunter-Lab	30.6847, 2.2202, 17.2769

Details

The Hex color **6E5218** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18346E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **A58348**, and **3B2600** is the 20% darker color. If you saturate the color by 10%, you get **6E4E0D**, and if you desaturate by 10%, it is **6E5623**.

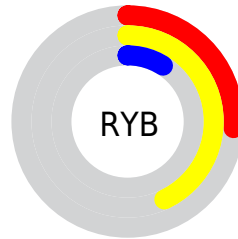
Distribution



Red (43%)

Green (32%)

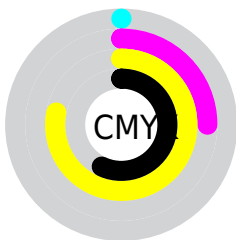
Blue (9%)



Red (26%)

Yellow (43%)

Blue (9%)

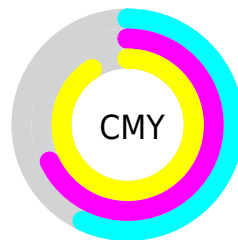


Cyan (0%)

Magenta (25%)

Yellow (78%)

Black (57%)



Cyan (57%)

Magenta (68%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E5218 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 6E5218 by changing the saturation by 10% instead.



6E5218



6E5218

FFFFFF



543B00



A58348



3B2600



C19D60



221200



DEB87A



000000



FBD494



FFF0AF



FFFCA



FFFFE7



6E5218



6E5218

■ 6E4E0D

■ 6E5623

■ 6E4B02

■ 6E592E

■ 6E4A00

■ 6E5D39

■ 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.



834628



6E5218



525B1B

Triad

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



6E5218



00656B



73467C

Complementary

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



6E5218



18346E

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.



49528E



6E5218



006385

Square

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



6E5218



00654D



005C91



893C60

Rectangle

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



6E5218



3B6027



005C91



674A83

Sweetspot

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



6E5218



8F846E



6E1835



474133



C7C7C7



474747

Same Dimension

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



6E5218



8F6309



606E18



383632



785100



F7A700

Inverse Universe

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



18346E



09348F



26186E



323438



002778



0051F7

Previews

White Background



This preview shows how the Hex color 6E5218 looks on a white background.

Color Contrast Check

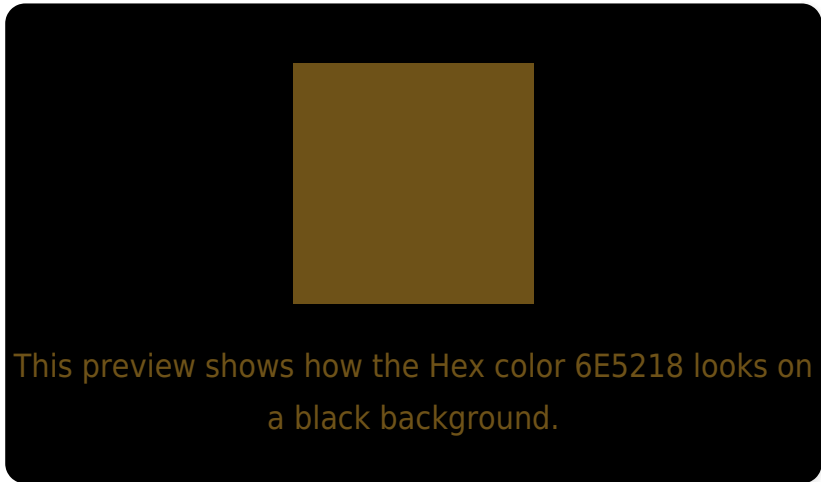
Large Text (above 18pt) WCAG AA ✓ Pass

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

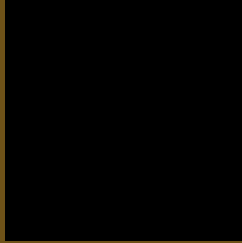
Any Text WCAG AA × Fail

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 6E5218 Background



This preview shows how black text looks on a background with the Hex color 6E5218.



This preview shows how white text looks on a background with the Hex color 6E5218.

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
6E5218

Protanopia
615719

Deuteranopia
6D5218



Tritanopia
724D52

Trichromacy



Original Color
6E5218

Protanomaly
665519

Deuteranomaly
6D5218

Tritanomaly
714F3D

Monochromacy



Original Color
6E5218

Achromatopsia
545454

Achromatomaly
5D533E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E5218 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 #6E5218 looks like.

```
.text, #text, p{  
    color:#6E5218  
}
```

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 #6E5218 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E5218  
}
```

Border

The CSS property to change the border of an element to Hex 6E5218 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  
#6E5218 }
```

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

```
.border{ border-color:#6E5218 }
```

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

Here you see how a box with a 4 pixel #6E5218 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E5218; -webkit-box-shadow:4px 4px  
4px 4px #6E5218; box-shadow:4px 4px 4px  
4px #6E5218 }
```

Background

The CSS property to change the background color of an element to Hex 6E5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E5218 }
```

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

```
.background{ background-color:#6E5218 }
```

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