

# Converting Colors

Hex(6C5536)

Have a look what the booklet for  
Hex(6C5536) contains.

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# Color

**Hex(6C5536)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C5536
RGB	108, 85, 54
RGB Percent	42%, 33%, 21%
CMY	0.5765, 0.6667, 0.7882
CMYK	0.00, 0.21, 0.50, 0.58
HSL	34°, 33%, 32%
HSV	34°, 50%, 42%
XYZ	10.0987, 9.9515, 4.8786
YIQ	88.3430, 23.6590, -4.7650

# Conversions

## Conversions Part 2

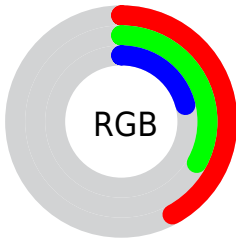
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 108, 54
Decimal	7099702
CIE <sub>Lab</sub>	37.76, 5.11, 21.65
CIE <sub>LCh</sub>	38, 22.242, 76.709
Yxy	9.9515, 0.4051, 0.3992
Android (android.graphics.Color)	4285289782 (0xFF6C5536)
YUV	88.3430, -16.9311, 17.2392
Hunter-Lab	31.5460, 1.9371, 12.9130

# Details

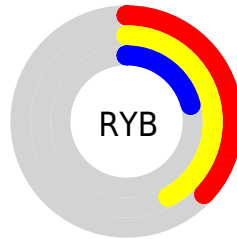
The Hex color **6C5536** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **364D6C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **A18765**, and **3B280A** is the 20% darker color. If you saturate the color by 10%, you get **6C502B**, and if you desaturate by 10%, it is **6C5A41**.

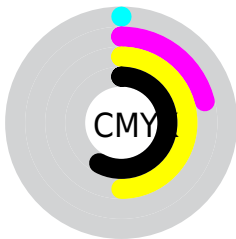
# Distribution



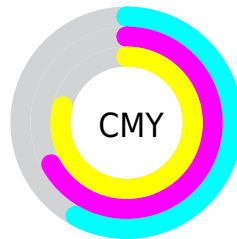
- Red (42%)
- Green (33%)
- Blue (21%)



- Red (37%)
- Yellow (42%)
- Blue (21%)



- Cyan (0%)
- Magenta (21%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (67%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C5536 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 6C5536 by changing the saturation by 10% instead.



 6C5536

 6C5536

FFFFFF

 533E20


 A18765

 3B280A

 BCA17E

 241400

 D9BC98

 000000

 F5D7B3

 FFF4CF

 FFFFEB

 6C5536

 6C5536

 6C502B

 6C5A41

■ 6C4C20

■ 6C5E4C

■ 6C4716

■ 6C6356

■ 6C430B

■ 6C6761

■ 6C3E00

■ 6C6C6C

■ 6C7177

■ 6C7582

■ 6C7A8C

■ 6C7E97

# Harmonies

## Analogous

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



784F3F



6C5536



5B5B36

# Triad

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



6C5536



1A6363



685172

# Complementary

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



6C5536



364D6C

# 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.



4F577B



6C5536



186172

# Square

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



6C5536



306250



325D7B



774C62

# Rectangle

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



6C5536



4E5E3B



325D7B



605376



# Sweetspot

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



6C5536



8C8377



6C364D



47423B



C7C7C7



474747



# Same Dimension

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



6C5536



8C6838



686C36



363330



754300



F58D00



# Inverse Universe

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



364D6C



385C8C



3A366C



303236



003275



0068F5



# Previews

## White Background



This preview shows how the Hex color 6C5536 looks on a white background.

## Color Contrast Check

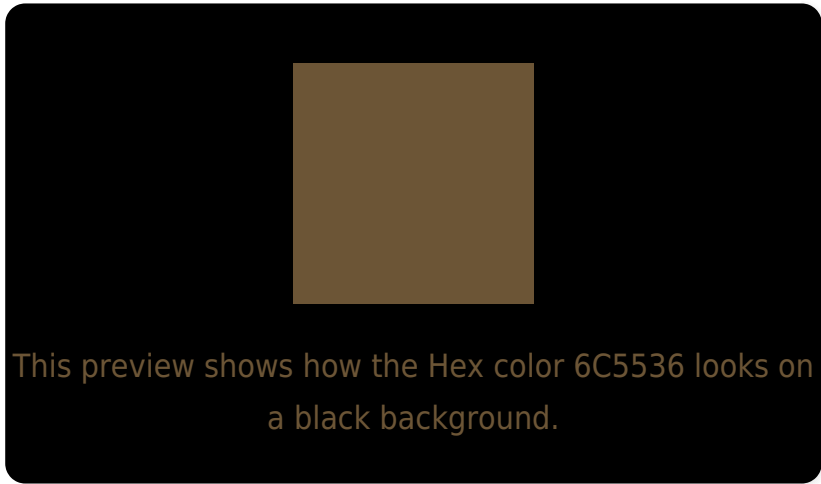
Large Text (above 18pt) WCAG AA ✓ Pass

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

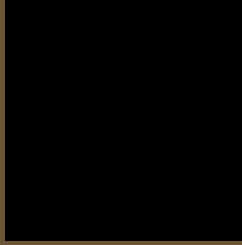
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C5536 Background



This preview shows how black text looks on a background with the Hex color 6C5536.



This preview shows how white text looks on a background with the Hex color 6C5536.

# 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**  
6C5536

**Protanopia**  
615938

**Deuteranopia**  
6C5536



**Tritanopia**  
6F5157

# Trichromacy



**Original Color**  
6C5536

**Protanomaly**  
655837

**Deuteranomaly**  
6C5536

**Tritanomaly**  
6E524B

# Monochromacy



**Original Color**  
6C5536

**Achromatopsia**  
585858

**Achromatomaly**  
5F574C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C5536 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 #6C5536 looks like.

```
.text, #text, p{  
    color:#6C5536  
}
```

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 #6C5536 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C5536
}
```

## Border

The CSS property to change the border of an element to Hex 6C5536 is called "border". The border property can be set on classes, ids or directly on the HTML element.

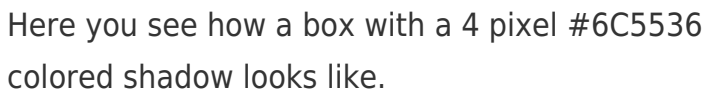
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C5536 }
```

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

```
.border{ border-color:#6C5536 }
```

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



Here you see how a box with a 4 pixel #6C5536 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C5536; -webkit-box-shadow:4px 4px  
4px 4px #6C5536; box-shadow:4px 4px 4px  
4px #6C5536 }
```

# Background

The CSS property to change the background color of an element to Hex 6C5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C5536 }
```

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

```
.background{ background-color:#6C5536 }
```

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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