

# Converting Colors

Hex(6C6236)

Have a look what the booklet for  
Hex(6C6236) contains.

<b>Hex(6C6236)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(6C6236)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C6236
RGB	108, 98, 54
RGB Percent	42%, 38%, 21%
CMY	0.5765, 0.6157, 0.7882
CMYK	0.00, 0.09, 0.50, 0.58
HSL	49°, 33%, 32%
HSV	49°, 50%, 42%
XYZ	11.2179, 12.1899, 5.2517
YIQ	95.9740, 20.0840, -11.5640

# Conversions

## Conversions Part 2

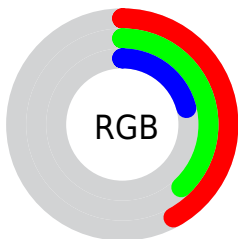
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 108, 54
Decimal	7103030
CIELab	41.52, -2.65, 26.36
CIELCh	42, 26.498, 95.750
Yxy	12.1899, 0.3914, 0.4253
Android (android.graphics.Color)	4285293110 (0xFF6C6236)
YUV	95.9740, -20.6932, 10.5468
Hunter-Lab	34.9140, -3.7473, 15.5215

# Details

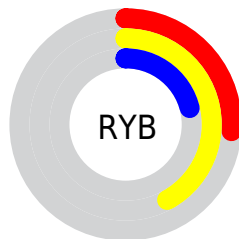
The Hex color **6C6236** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **36406C**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **A19566**, and **3B3409** is the 20% darker color. If you saturate the color by 10%, you get **6C602B**, and if you desaturate by 10%, it is **6C6441**.

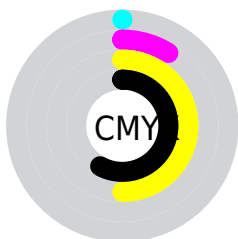
# Distribution



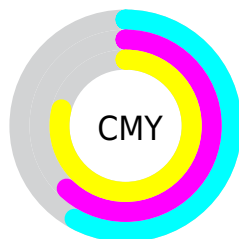
- Red (42%)
- Green (38%)
- Blue (21%)



- Red (26%)
- Yellow (42%)
- Blue (21%)



- Cyan (0%)
- Magenta (9%)
- Yellow (50%)
- Black (58%)



- Cyan (58%)
- Magenta (62%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C6236 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 6C6236 by changing the saturation by 10% instead.





6C6236



6C6236

FFFFFF



534A20



A19566



3B3409



BCAF7F



241F00



D8CA99



020700



F5E7B4



000000



FFFFD0



FFF FEC



6C6236



6C6236



6C602B



6C6441

■ 6C5E20

■ 6C664C

■ 6C5C16

■ 6C6856

■ 6C5A0B

■ 6C6A61

■ 6C5800

■ 6C6C6C

■ 6C6E77

■ 6C7082

■ 6C728C

■ 6C7497

# Harmonies

## Analogous

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



7F5A3B



6C6236



55683E

# Triad

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



6C6236



006D7B



815474

# Complementary

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



6C6236



36406C

# 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.



6A5B85



6C6236



1F6989

# Square

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



6C6236



186E66



49638D



8B515F

# Rectangle

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



6C6236



436B49



49638D



7A567B



# Sweetspot

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



6C6236



8C8877



6C3641



47453B



C7C7C7



474747



# Same Dimension

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



6C6236



8C7D38



5C6C36



363530



756000



F5C700



# Inverse Universe

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



36406C



38488C



46366C



303136



001675



002DF5



# Previews

## White Background



This preview shows how the Hex color 6C6236 looks on a white background.

## Color Contrast Check

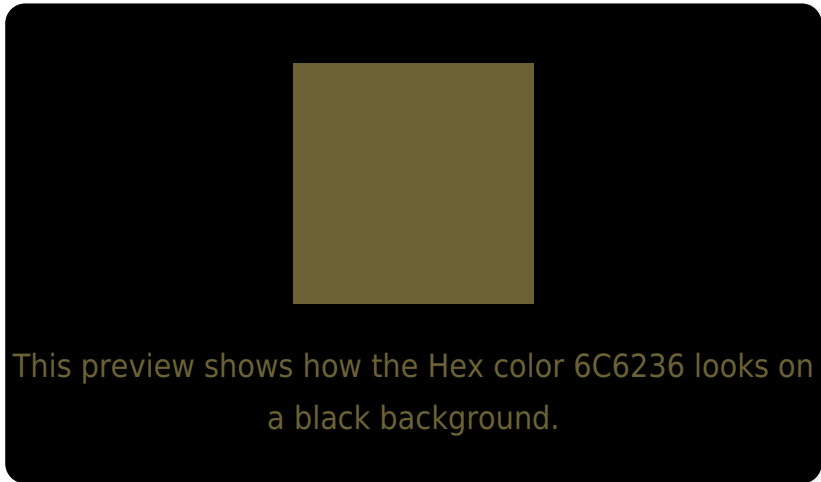
Large Text (above 18pt) WCAG AA ✓ Pass

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

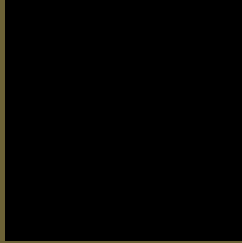
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C6236 Background



This preview shows how black text looks on a background with the Hex color 6C6236.



This preview shows how white text looks on a background with the Hex color 6C6236.

# 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**

6C6236

**Protanopia**

6C6236

**Deuteranopia**

785D37



**Tritanopia**  
715D64

# Trichromacy



**Original Color**  
6C6236

**Protanomaly**  
6C6236

**Deuteranomaly**  
745F37

**Tritanomaly**  
6F5F53

# Monochromacy



**Original Color**  
6C6236

**Achromatopsia**  
606060

**Achromatomaly**  
646151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C6236 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 #6C6236 looks like.

```
.text, #text, p{  
    color:#6C6236  
}
```

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 #6C6236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6236
}
```

## Border

The CSS property to change the border of an element to Hex 6C6236 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
#6C6236 }
```

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

```
.border{ border-color:#6C6236 }
```

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

Here you see how a box with a 4 pixel #6C6236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6236; -webkit-box-shadow:4px 4px  
4px 4px #6C6236; box-shadow:4px 4px 4px  
4px #6C6236 }
```

# Background

The CSS property to change the background color of an element to Hex 6C6236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6236 }
```

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

```
.background{ background-color:#6C6236 }
```

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