

# Converting Colors

Hex(6C6B36)

Have a look what the booklet for  
Hex(6C6B36) contains.

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**Color**

**Hex(6C6B36)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C6B36
RGB	108, 107, 54
RGB Percent	42%, 42%, 21%
CMY	0.5765, 0.5804, 0.7882
CMYK	0.00, 0.01, 0.50, 0.58
HSL	59°, 33%, 32%
HSV	59°, 50%, 42%
XYZ	12.1079, 13.9699, 5.5483
YIQ	101.2570, 17.6090, -16.2710

# Conversions

## Conversions Part 2

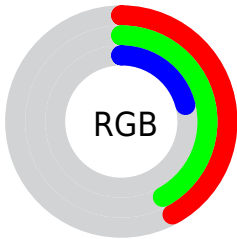
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 108, 54
Decimal	7105334
CIELab	44.19, -7.86, 29.63
CIElCh	44, 30.652, 104.851
Yxy	13.9699, 0.3828, 0.4417
Android (android.graphics.Color)	4285295414 (0xFF6C6B36)
YUV	101.2570, -23.2977, 5.9136
Hunter-Lab	37.3763, -7.5842, 17.3621

# Details

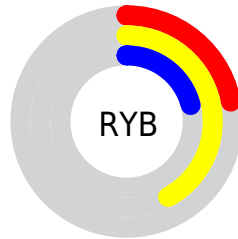
The Hex color **6C6B36** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **36376C**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A19E66**, and **3B3C08** is the 20% darker color. If you saturate the color by 10%, you get **6C6B2B**, and if you desaturate by 10%, it is **6C6B41**.

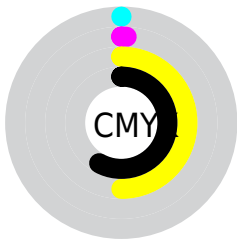
# Distribution



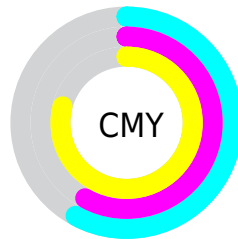
- Red (42%)
- Green (42%)
- Blue (21%)



- Red (22%)
- Yellow (42%)
- Blue (21%)



- Cyan (0%)
- Magenta (1%)
- Yellow (50%)
- Black (58%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C6B36 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 6C6B36 by changing the saturation by 10% instead.





6C6B36



6C6B36

FFFFFF



53531F



A19E66



3B3C08



BCB980



242600



D8D59A



031300



F5F1B5



000000



FFFFD1



FFFFED



6C6B36



6C6B36



6C6B2B



6C6B41

 6C6B20

 6C6B4C

 6C6A16

 6C6C56

 6C6A0B

 6C6C61

 6C6A00

 6C6C6C

 6C6C77

 6C6C82

 6C6D8C

 6C6D97

# Harmonies

## Analogous

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



846237



6C6B36



507143

# Triad

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



6C6B36



00748C



925676

# Complementary

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



6C6B36



36376C

# 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.



7B5D8D



6C6B36



226F99

# Square

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



6C6B36



007675



57679A



99545D

# Rectangle

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



6C6B36



397452



57679A



8C587F



# Sweetspot

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



6C6B36



8C8C77



6C3638



47473B



C7C7C7



474747



# Same Dimension

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



6C6B36



8C8B38



536C36



363530



757300



F5F000



# Inverse Universe

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



36376C



383A8C



4F366C



303036



000275



0005F5



# Previews

## White Background



This preview shows how the Hex color 6C6B36 looks on a white background.

## Color Contrast Check

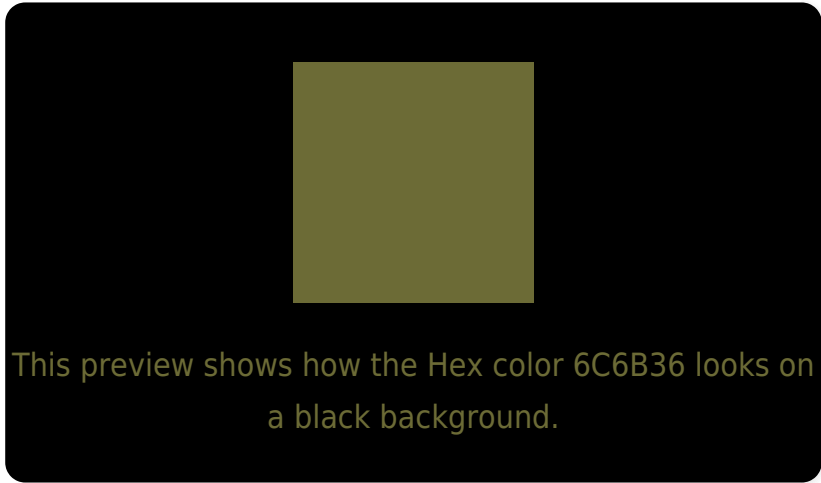
Large Text (above 18pt) WCAG AA ✓ Pass

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

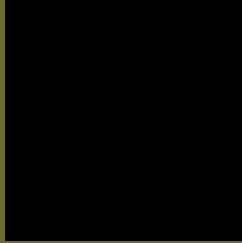
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C6B36 Background



This preview shows how black text looks on a background with the Hex color 6C6B36.



This preview shows how white text looks on a background with the Hex color 6C6B36.

# 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**  
6C6B36

**Protanopia**  
736935

**Deuteranopia**  
806438



**Tritanopia**  
72656D

# Trichromacy



**Original Color**  
6C6B36

**Protanomaly**  
706A35

**Deuteranomaly**  
796737

**Tritanomaly**  
706759

# Monochromacy



**Original Color**  
6C6B36

**Achromatopsia**  
656565

**Achromatomaly**  
686754

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C6B36 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 #6C6B36 looks like.

```
.text, #text, p{  
    color:#6C6B36  
}
```

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 #6C6B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6B36
}
```

## Border

The CSS property to change the border of an element to Hex 6C6B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

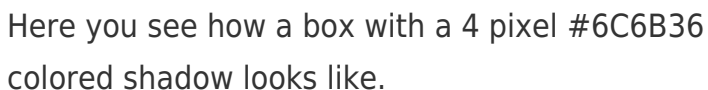
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C6B36 }
```

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

```
.border{ border-color:#6C6B36 }
```

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



Here you see how a box with a 4 pixel #6C6B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6B36; -webkit-box-shadow:4px 4px  
4px 4px #6C6B36; box-shadow:4px 4px 4px  
4px #6C6B36 }
```

# Background

The CSS property to change the background color of an element to Hex 6C6B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6B36 }
```

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

```
.background{ background-color:#6C6B36 }
```

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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