

# Converting Colors

Hex(65610C)

Have a look what the booklet for  
Hex(65610C) contains.

<b>Hex(65610C)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(65610C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	65610C
RGB	101, 97, 12
RGB Percent	40%, 38%, 5%
CMY	0.6039, 0.6196, 0.9529
CMYK	0.00, 0.04, 0.88, 0.60
HSL	57°, 79%, 22%
HSV	57°, 88%, 40%
XYZ	9.7079, 11.3426, 2.0255
YIQ	88.5060, 29.6690, -25.5870

# Conversions

## Conversions Part 2

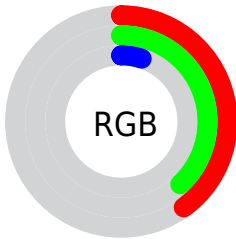
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 101, 12
Decimal	6643980
CIE <sub>Lab</sub>	40.15, -8.31, 43.82
CIE <sub>LCh</sub>	40, 44.601, 100.740
Yxy	11.3426, 0.4207, 0.4915
Android (android.graphics.Color)	4284834060 (0xFF65610C)
YUV	88.5060, -37.7175, 10.9572
Hunter-Lab	33.6788, -7.4855, 20.0094

# Details

The Hex color **65610C** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **0C1065**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9B9341**, and **333300** is the 20% darker color. If you saturate the color by 10%, you get **656102**, and if you desaturate by 10%, it is **656116**.

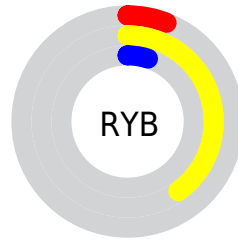
# Distribution



Red (40%)

Green (38%)

Blue (5%)



Red (6%)

Yellow (40%)

Blue (5%)

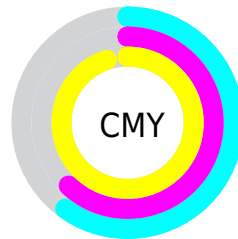


Cyan (0%)

Magenta (4%)

Yellow (88%)

Black (60%)



Cyan (60%)

Magenta (62%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65610C 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 65610C by changing the saturation by 10% instead.





65610C



65610C

FFFFFFE



4B4900



9B9341



333300



B7AE5A



1A1E00



D3C974



000100



F0E58E



000000



FFFA9



FFFC5



FFFE1



65610C



65610C

■ 656102

■ 656116

■ 656000

■ 656220

■ 65622A

■ 656334

■ 65633F

■ 656449

■ 656453

■ 65655D

■ 656567

# Harmonies

## Analogous

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



845415



65610C



3D6A23

# Triad

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



65610C



006F8D



944077

# Complementary

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



65610C



0C1065

# 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.



714F96



65610C



0069A3

# Square

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



65610C



00706B



2A5EA6



A13C53

# Rectangle

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



65610C



0B6D39



2A5EA6



8B4583



# Sweetspot

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



65610C



828160



650C10



42412E



C2C2C2



424242



# Same Dimension

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



65610C



827C00



3D650C



33332E



736E00



F2E700



# Inverse Universe

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



0C1065



000682



340C65



2E2E33



000573

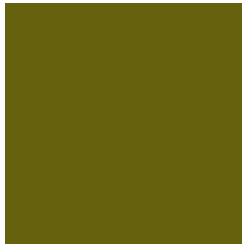


000BF2



# Previews

## White Background



This preview shows how the Hex color 65610C looks on a white background.

## Color Contrast Check

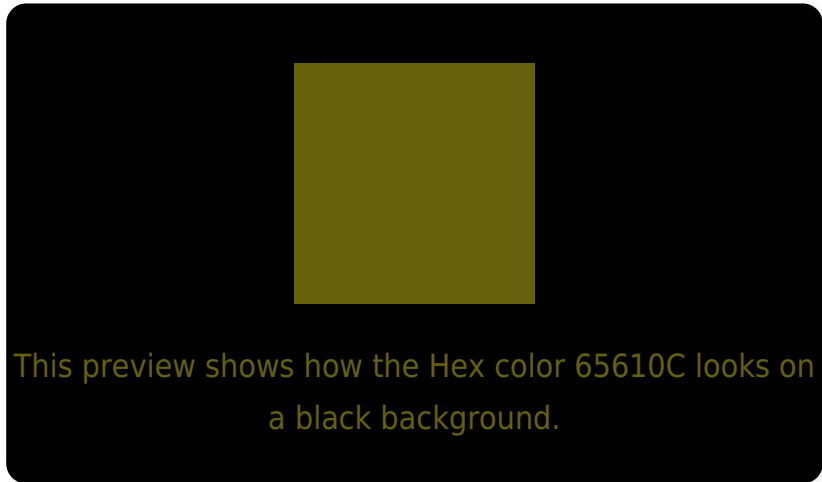
Large Text (above 18pt) WCAG AA ✓ Pass

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

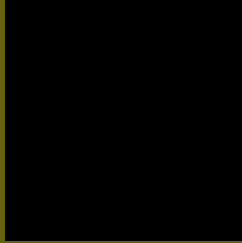
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 65610C Background



This preview shows how black text looks on a background with the Hex color 65610C.



This preview shows how white text looks on a background with the Hex color 65610C.

# 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**  
65610C

**Protanopia**  
6B5F0B

**Deuteranopia**  
775A12



**Tritanopia**  
6B5A61

# Trichromacy



**Original Color**  
65610C

**Protanomaly**  
69600B

**Deuteranomaly**  
705D10

**Tritanomaly**  
695D42

# Monochromacy



**Original Color**  
65610C

**Achromatopsia**  
595959

**Achromatomaly**  
5D5C3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65610C 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 #65610C looks like.

```
.text, #text, p{  
    color:#65610C  
}
```

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 #65610C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65610C
}
```

## Border

The CSS property to change the border of an element to Hex 65610C is called "border". The border property can be set on classes, ids or directly on the HTML element.

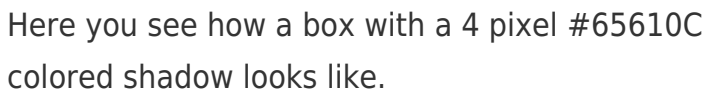
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#65610C }
```

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

```
.border{ border-color:#65610C }
```

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



Here you see how a box with a 4 pixel #65610C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65610C; -webkit-box-shadow:4px 4px  
4px 4px #65610C; box-shadow:4px 4px 4px  
4px #65610C }
```

# Background

The CSS property to change the background color of an element to Hex 65610C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65610C }
```

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

```
.background{ background-color:#65610C }
```

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