

# Converting Colors

Hex(665112)

Have a look what the booklet for  
Hex(665112) contains.

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**Color**

**Hex(665112)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	665112
RGB	102, 81, 18
RGB Percent	40%, 32%, 7%
CMY	0.6000, 0.6824, 0.9294
CMYK	0.00, 0.21, 0.82, 0.60
HSL	45°, 70%, 24%
HSV	45°, 82%, 40%
XYZ	8.5311, 8.7533, 1.8122
YIQ	80.0970, 32.7390, -15.1410

# Conversions

## Conversions Part 2

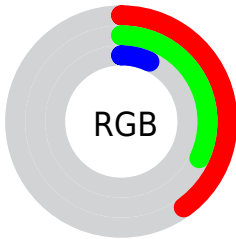
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 102, 18
Decimal	6705426
CIELab	35.50, 1.86, 37.74
CIELCh	36, 37.784, 87.172
Yxy	8.7533, 0.4467, 0.4584
Android (android.graphics.Color)	4284895506 (0xFF665112)
YUV	80.0970, -30.6138, 19.2089
Hunter-Lab	29.5860, -0.3052, 17.0786

# Details

The Hex color **665112** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **122766**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9C8242**, and **332500** is the 20% darker color. If you saturate the color by 10%, you get **664E08**, and if you desaturate by 10%, it is **66541C**.

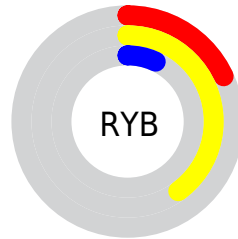
# Distribution



Red (40%)

Green (32%)

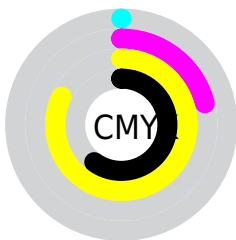
Blue (7%)



Red (18%)

Yellow (40%)

Blue (7%)

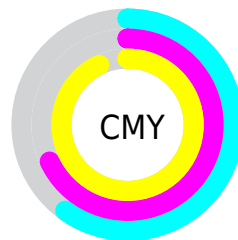


Cyan (0%)

Magenta (21%)

Yellow (82%)

Black (60%)



Cyan (60%)

Magenta (68%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 665112 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 665112 by changing the saturation by 10% instead.



 665112

 665112

FFFFFFE

 4C3A00

 9C8242

 332500

 B89C5B

 1B1000

 D4B774

 000000

 F2D28E

 FFEFA9

 FFFFC5

 FFFFE1

 665112

 665112

■ 664E08

■ 66541C

■ 664C00

■ 665626

■ 665931

■ 665B3B

■ 665E45

■ 66604F

■ 666359

■ 666564

■ 66686E

# Harmonies

## Analogous

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



7D4521



665112



485A19

# Triad

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



665112



00626E



754075

# Complementary

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



665112



122766

# 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.



4F4D89



665112



005F86

# Square

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



665112



006250



005890



883858

# Rectangle

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



665112



305E28



005890



6B447D



# Sweetspot

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



665112



857C63



661227



423D2E



C2C2C2



424242



# Same Dimension

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



665112



856401



526612



33322E



735600



F2B600



# Inverse Universe

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



122766



012285



271266



2E2F33



001D73



003DF2



# Previews

## White Background



This preview shows how the Hex color 665112 looks on a white background.

## Color Contrast Check

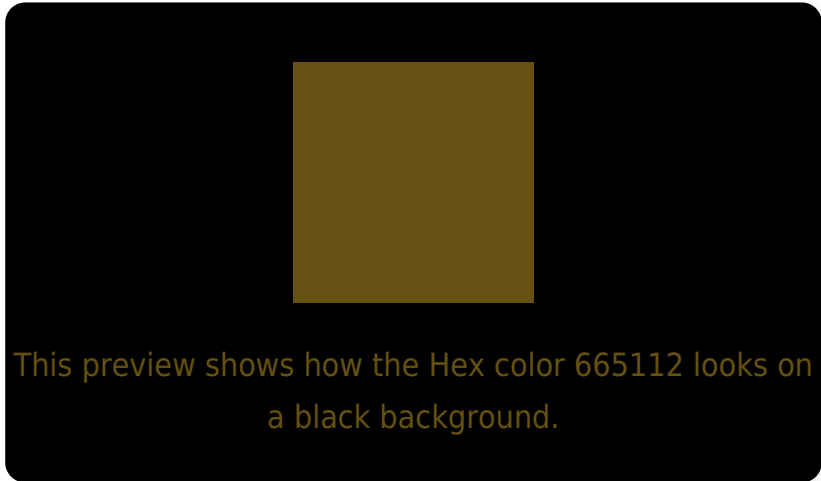
Large Text (above 18pt) WCAG AA ✓ Pass

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 665112 Background



This preview shows how black text looks on a background with the Hex color 665112.



This preview shows how white text looks on a background with the Hex color 665112.

# 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**  
665112

**Protanopia**  
5E5413

**Deuteranopia**  
694F13



**Tritanopia**  
6A4B51

# Trichromacy



**Original Color**  
665112

**Protanomaly**  
615313

**Deuteranomaly**  
685013

**Tritanomaly**  
694D3A

# Monochromacy



**Original Color**  
665112

**Achromatopsia**  
505050

**Achromatomaly**  
585039

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 665112 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 #665112 looks like.

```
.text, #text, p{  
    color:#665112  
}
```

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 #665112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665112
}
```

## Border

The CSS property to change the border of an element to Hex 665112 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
#665112 }
```

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

```
.border{ border-color:#665112 }
```

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

Here you see how a box with a 4 pixel #665112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665112; -webkit-box-shadow:4px 4px  
4px 4px #665112; box-shadow:4px 4px 4px  
4px #665112 }
```

# Background

The CSS property to change the background color of an element to Hex 665112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665112 }
```

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

```
.background{ background-color:#665112 }
```

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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