

# Converting Colors

Hex(655800)

Have a look what the booklet for  
Hex(655800) contains.

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**Color**

**Hex(655800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	655800
RGB	101, 88, 0
RGB Percent	40%, 35%, 0%
CMY	0.6039, 0.6549, 1.0000
CMYK	0.00, 0.13, 1.00, 0.60
HSL	52°, 100%, 20%
HSV	52°, 100%, 40%
XYZ	8.8566, 9.7461, 1.4144
YIQ	81.8550, 35.9960, -24.6120

# Conversions

## Conversions Part 2

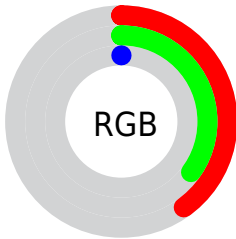
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	15, 101, 0
Decimal	6641664
CIE Lab	37.38, -3.42, 45.02
CIE LCh	37, 45.154, 94.343
Yxy	9.7461, 0.4424, 0.4869
Android (android.graphics.Color)	4284831744 (0xFF655800)
YUV	81.8550, -40.3545, 16.7902
Hunter-Lab	31.2188, -3.9938, 19.1670

# Details

The Hex color **655800** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000D65**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **9B8A38**, and **322B00** is the 20% darker color. If you saturate the color by 10%, you get **655800**, and if you desaturate by 10%, it is **65590A**.

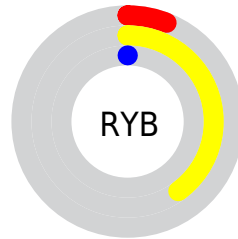
# Distribution



Red (40%)

Green (35%)

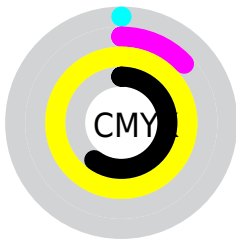
Blue (0%)



Red (6%)

Yellow (40%)

Blue (0%)

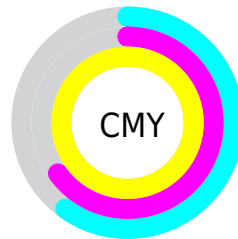


Cyan (0%)

Magenta (13%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (65%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 655800 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 655800 by changing the saturation by 10% instead.



 655800

 655800

 FFFFF4

 4B4100

 9B8A38

 322B00

 B7A451

 191700

 D4BF6A

 000000

 F1DA84

 FFF79F

 FFFFBB

 FFFFD7

 655800

 65590A

 655B14

 655C1E

 655D28

 655F33

 65603D

 656147

 656251

 65645B

# Harmonies

## Analogous

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



824A12



655800



3F6115

# Triad

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



655800



006880



883B78

# Complementary

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



655800



000D65

# 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.



5F4C94



655800



006499

# Square

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



655800



00695C



005BA1



983354

# Rectangle

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



655800



18652B



005BA1



7D4183



# Sweetspot

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



655800



827D5B



65000D



423F2A



C2C2C2



424242



# Same Dimension

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



655800



827100



406500



33322E



736400



F2D300



# Inverse Universe

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



000D65



001182



250065



2E2F33



000F73

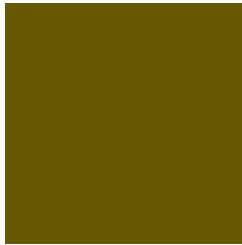


001FF2



# Previews

## White Background



This preview shows how the Hex color 655800 looks on a white background.

## Color Contrast Check

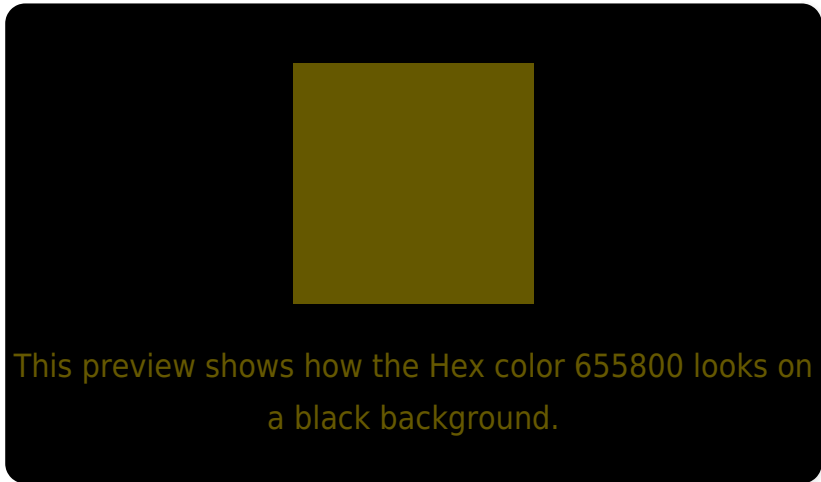
Large Text (above 18pt) WCAG AA ✓ Pass

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

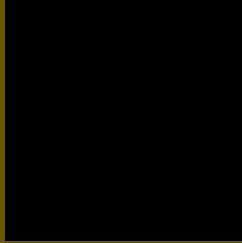
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 655800 Background



This preview shows how black text looks on a background with the Hex color 655800.



This preview shows how white text looks on a background with the Hex color 655800.

# 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**  
655800

**Protanopia**  
645902

**Deuteranopia**  
70540B



**Tritanopia**  
6A5258

# Trichromacy



**Original Color**  
655800

**Protanomaly**  
645901

**Deuteranomaly**  
6C5507

**Tritanomaly**  
685438

# Monochromacy



**Original Color**  
655800

**Achromatopsia**  
525252

**Achromatomaly**  
595434

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 655800 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 #655800 looks like.

```
.text, #text, p{  
    color:#655800  
}
```

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 #655800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655800
}
```

## Border

The CSS property to change the border of an element to Hex 655800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

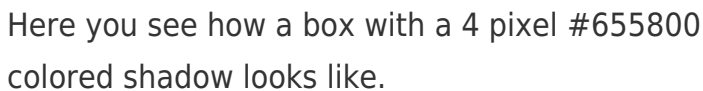
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#655800 }
```

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

```
.border{ border-color:#655800 }
```

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



Here you see how a box with a 4 pixel #655800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655800; -webkit-box-shadow:4px 4px  
4px 4px #655800; box-shadow:4px 4px 4px  
4px #655800 }
```

# Background

The CSS property to change the background color of an element to Hex 655800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655800 }
```

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

```
.background{ background-color:#655800 }
```

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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