

# Converting Colors

Hex(635D00)

Have a look what the booklet for  
Hex(635D00) contains.

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**Color**

**Hex(635D00)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635D00
RGB	99, 93, 0
RGB Percent	39%, 36%, 0%
CMY	0.6118, 0.6353, 1.0000
CMYK	0.00, 0.06, 1.00, 0.61
HSL	56°, 100%, 19%
HSV	56°, 100%, 39%
XYZ	9.0599, 10.4814, 1.5456
YIQ	84.1920, 33.4290, -27.6510

# Conversions

## Conversions Part 2

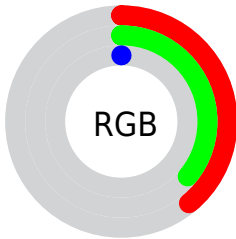
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	6, 99, 0
Decimal	6511872
CIE Lab	38.69, -7.34, 45.87
CIE LCh	39, 46.456, 99.095
Yxy	10.4814, 0.4296, 0.4971
Android (android.graphics.Color)	4284701952 (0xFF635D00)
YUV	84.1920, -41.5067, 12.9866
Hunter-Lab	32.3749, -6.7039, 19.8319

# Details

The Hex color **635D00** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000663**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **998F39**, and **303000** is the 20% darker color. If you saturate the color by 10%, you get **635D00**, and if you desaturate by 10%, it is **635E0A**.

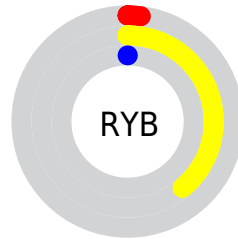
# Distribution



Red (39%)

Green (36%)

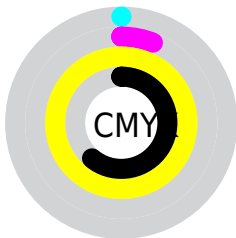
Blue (0%)



Red (2%)

Yellow (39%)

Blue (0%)

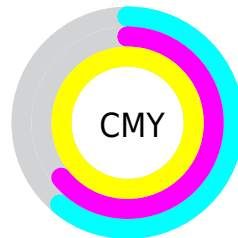


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (64%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635D00 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 635D00 by changing the saturation by 10% instead.



 635D00

 635D00

 FFFFF6

 4A4600

 998F39

 303000

 B5A952

 181B00

 D1C46C

 000000

 EFE086

 FFFDA1

 FFFFBC

 FFFFD9

 635D00

 635E0A

 635E14

 635F1E

 635F28

 636032

 63613B

 636145

 63624F

 636259

# Harmonies

## Analogous

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



834F0E



635D00



3A661B

# Triad

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



635D00



006C8A



913B77

# Complementary

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



635D00



000663

# 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.



6B4C96



635D00



0066A1

# Square

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



635D00



006D66



125CA6



9F3551

# Rectangle

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



635D00



016A32



125CA6



874082



# Sweetspot

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



635D00



807D59



630007



403E29



BFBFBF



404040



# Same Dimension

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



635D00



807800



386300



30302C



706900



F0E100



# Inverse Universe

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



000663



000880



2B0063



2C2C30



000770

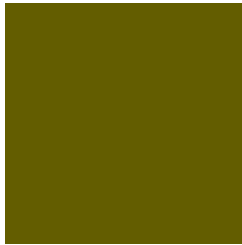


000FF0



# Previews

## White Background



This preview shows how the Hex color 635D00 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

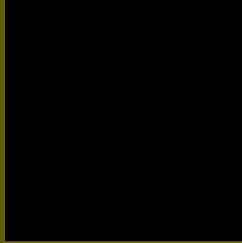
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635D00 Background



This preview shows how black text looks on a background with the Hex color 635D00.



This preview shows how white text looks on a background with the Hex color 635D00.

# 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**


635D00

**Protanopia**

675C00

**Deuteranopia**

73570D



**Tritanopia**  
69565D

# Trichromacy



**Original Color**  
635D00

**Protanomaly**  
665C00

**Deuteranomaly**  
6D5908

**Tritanomaly**  
67593B

# Monochromacy



**Original Color**  
635D00

**Achromatopsia**  
545454

**Achromatomaly**  
595735

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635D00 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 #635D00 looks like.

```
.text, #text, p{  
    color:#635D00  
}
```

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 #635D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635D00
}
```

## Border

The CSS property to change the border of an element to Hex 635D00 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
#635D00 }
```

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

```
.border{ border-color:#635D00 }
```

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

Here you see how a box with a 4 pixel #635D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635D00; -webkit-box-shadow:4px 4px  
4px 4px #635D00; box-shadow:4px 4px 4px  
4px #635D00 }
```

# Background

The CSS property to change the background color of an element to Hex 635D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635D00 }
```

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

```
.background{ background-color:#635D00 }
```

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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