

Converting Colors

Hex(655D03)

Have a look what the booklet for
Hex(655D03) contains.

Hex(655D03)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(655D03)

Conversions

Conversions Part 1

Format	Color
Hex	655D03
RGB	101, 93, 3
RGB Percent	40%, 36%, 1%
CMY	0.6039, 0.6353, 0.9882
CMYK	0.00, 0.08, 0.97, 0.60
HSL	55°, 94%, 20%
HSV	55°, 97%, 40%
XYZ	9.2976, 10.6020, 1.6425
YIQ	85.1320, 33.6580, -26.2940

Conversions

Conversions Part 2

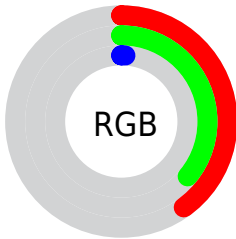
Format	Color
R_{YB}	12, 101, 3
Decimal	6642947
CIE Lab	38.90, -6.26, 45.24
CIE LCh	39, 45.673, 97.883
Yxy	10.6020, 0.4316, 0.4922
Android (android.graphics.Color)	4284833027 (0xFF655D03)
YUV	85.1320, -40.4911, 13.9162
Hunter-Lab	32.5607, -6.0110, 19.8016

Details

The Hex color **655D03** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **030B65**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9B8F3B**, and **323000** is the 20% darker color. If you saturate the color by 10%, you get **655D00**, and if you desaturate by 10%, it is **655E0D**.

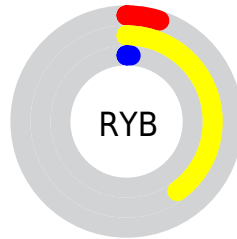
Distribution



Red (40%)

Green (36%)

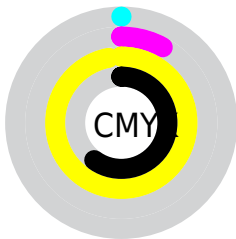
Blue (1%)



Red (5%)

Yellow (40%)

Blue (1%)

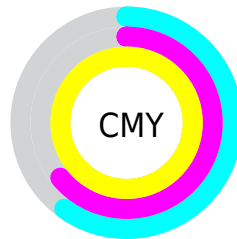


Cyan (0%)

Magenta (8%)

Yellow (97%)

Black (60%)



Cyan (60%)

Magenta (64%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 655D03 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 655D03 by changing the saturation by 10% instead.

 655D03

 655D03

 FFFFF8

 4B4600

 9B8F3B

 323000

 B7A954

 1A1B00

 D4C46E

 000000

 F1E088

 FFFDA3

 FFFFBE

 FFFFDB

 655D03

 655D03

■ 655D00

■ 655E0D

■ 655F17

■ 655F21

■ 65602B

■ 656136

■ 656240

■ 65634A

■ 656454

■ 65645E

Harmonies

Analogous

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



844F12



655D03



3D661B

Triad

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



655D03



006C88



903D78

Complementary

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



655D03



030B65

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.



694D97



655D03



0067A0

Square

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



655D03



006D65



0E5DA5



9E3753

Rectangle

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



655D03



0E6A32



0E5DA5



864284

Sweetspot

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



655D03



827F5C



65030B



42402B



C2C2C2



424242

Same Dimension

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



655D03



827700



3C6503



33332E



736900



F2DE00

Inverse Universe

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



030B65



000B82



2C0365



2E2E33



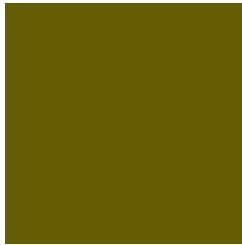
000973



0014F2

Previews

White Background



This preview shows how the Hex color 655D03 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 655D03 Background



This preview shows how black text looks on a background with the Hex color 655D03.



This preview shows how white text looks on a background with the Hex color 655D03.

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
655D03

Protanopia
685C01

Deuteranopia
74570D



Tritanopia
6B565D

Trichromacy



Original Color
655D03

Protanomaly
675C02

Deuteranomaly
6F5909

Tritanomaly
69593C

Monochromacy



Original Color
655D03

Achromatopsia
555555

Achromatomaly
5B5837

CSS Examples

Text

The CSS property to change the color of the text to Hex 655D03 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 #655D03 looks like.

```
.text, #text, p{  
    color:#655D03  
}
```

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 #655D03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #655D03
}
```

Border

The CSS property to change the border of an element to Hex 655D03 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
#655D03 }
```

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

```
.border{ border-color:#655D03 }
```

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

Here you see how a box with a 4 pixel #655D03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #655D03; -webkit-box-shadow:4px 4px  
4px 4px #655D03; box-shadow:4px 4px 4px  
4px #655D03 }
```

Background

The CSS property to change the background color of an element to Hex 655D03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#655D03 }
```

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

```
.background{ background-color:#655D03 }
```

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