

Converting Colors

Hex(645D01)

Have a look what the booklet for
Hex(645D01) contains.

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Color

Hex(645D01)

Conversions

Conversions Part 1

Format	Color
Hex	645D01
RGB	100, 93, 1
RGB Percent	39%, 36%, 0%
CMY	0.6078, 0.6353, 0.9961
CMYK	0.00, 0.07, 0.99, 0.61
HSL	56°, 98%, 20%
HSV	56°, 99%, 39%
XYZ	9.1754, 10.5402, 1.5796
YIQ	84.6050, 33.7040, -27.1280

Conversions

Conversions Part 2

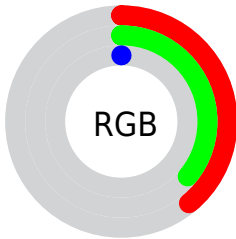
Format	Color
R_YB	9, 100, 1
Decimal	6577409
CIE Lab	38.80, -6.82, 45.70
CIE LCh	39, 46.202, 98.486
Yxy	10.5402, 0.4309, 0.4950
Android (android.graphics.Color)	4284767489 (0xFF645D01)
YUV	84.6050, -41.2173, 13.5014
Hunter-Lab	32.4657, -6.3678, 19.8413

Details

The Hex color **645D01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **010864**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9A8F3A**, and **313000** is the 20% darker color. If you saturate the color by 10%, you get **645D00**, and if you desaturate by 10%, it is **645E0B**.

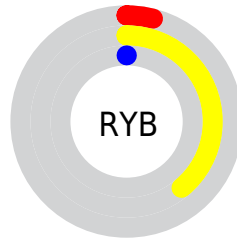
Distribution



Red (39%)

Green (36%)

Blue (0%)



Red (4%)

Yellow (39%)

Blue (0%)

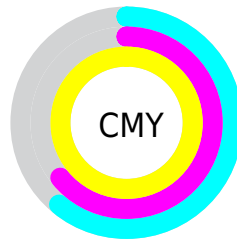


Cyan (0%)

Magenta (7%)

Yellow (99%)

Black (61%)



Cyan (61%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645D01 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 645D01 by changing the saturation by 10% instead.

 645D01

 645D01

 FFFFF6

 4A4600

 9A8F3A

 313000

 B6A953

 191B00

 D3C46C

 000000

 F0E087

 FFFDA2

 FFFFBD

 FFFFD9

 645D01

 645D01

■ 645D00

■ 645E0B

■ 645E15

■ 645F1F

■ 646029

■ 646133

■ 64613D

■ 646247

■ 646351

■ 64635B

Harmonies

Analogous

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



834F10



645D01



3B661B

Triad

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



645D01



006C89



903C78

Complementary

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



645D01



010864

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.



6A4D96



645D01



0067A1

Square

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



645D01



006D65



0F5CA6



9E3652

Rectangle

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



645D01



076A32



0F5CA6



874183

Sweetspot

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



645D01



827F5B



640109



42412A



C2C2C2



424242

Same Dimension

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



645D01



827900



3B6401



33332E



736B00



F2E100

Inverse Universe

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



010864



000982



2A0164



2E2E33



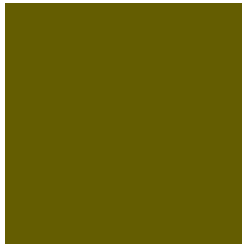
000873



0011F2

Previews

White Background



This preview shows how the Hex color 645D01 looks on a white background.

Color Contrast Check

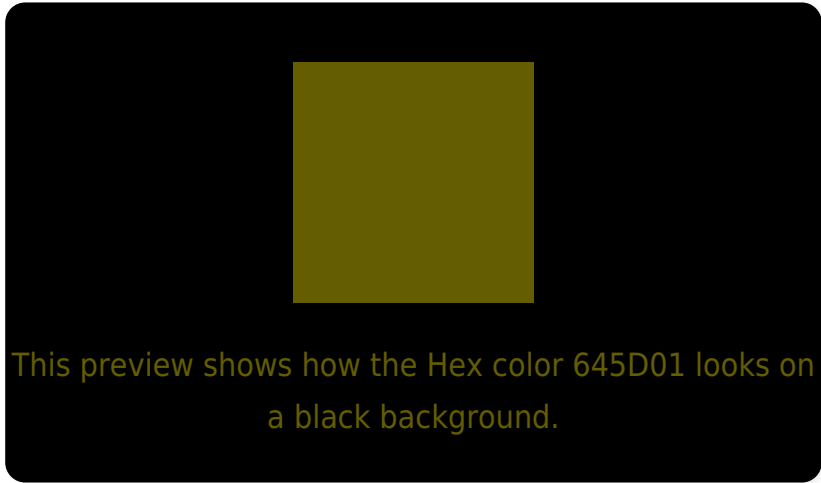
Large Text (above 18pt) WCAG AA ✓ Pass

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 645D01 Background



This preview shows how black text looks on a background with the Hex color 645D01.



This preview shows how white text looks on a background with the Hex color 645D01.

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


645D01

Protanopia

675C00

Deuteranopia

74570D



Tritanopia
6A565D

Trichromacy



Original Color
645D01

Protanomaly
665C00

Deuteranomaly
6E5909

Tritanomaly
68593C

Monochromacy



Original Color
645D01

Achromatopsia
555555

Achromatomaly
5A5836

CSS Examples

Text

The CSS property to change the color of the text to Hex 645D01 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 #645D01 looks like.

```
.text, #text, p{  
    color:#645D01  
}
```

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 #645D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645D01  
}
```

Border

The CSS property to change the border of an element to Hex 645D01 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  
#645D01 }
```

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

```
.border{ border-color:#645D01 }
```

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

Here you see how a box with a 4 pixel #645D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645D01; -webkit-box-shadow:4px 4px  
4px 4px #645D01; box-shadow:4px 4px 4px  
4px #645D01 }
```

Background

The CSS property to change the background color of an element to Hex 645D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645D01 }
```

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

```
.background{ background-color:#645D01 }
```

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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