

Converting Colors

Hex(645500)

Have a look what the booklet for
Hex(645500) contains.

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Color

Hex(645500)

Conversions

Conversions Part 1

Format	Color
Hex	645500
RGB	100, 85, 0
RGB Percent	39%, 33%, 0%
CMY	0.6078, 0.6667, 1.0000
CMYK	0.00, 0.15, 1.00, 0.61
HSL	51°, 100%, 20%
HSV	51°, 100%, 39%
XYZ	8.5040, 9.2063, 1.3288
YIQ	79.7950, 36.2250, -23.2550

Conversions

Conversions Part 2

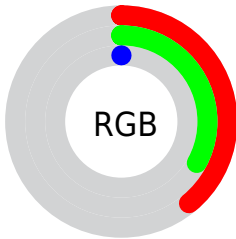
Format	Color
R_{YB}	18, 100, 0
Decimal	6575360
CIE _{Lab}	36.38, -2.14, 44.26
CIE _{LCh}	36, 44.313, 92.766
Yxy	9.2063, 0.4467, 0.4835
Android (android.graphics.Color)	4284765440 (0xFF645500)
YUV	79.7950, -39.3389, 17.7198
Hunter-Lab	30.3419, -3.0696, 18.6428

Details

The Hex color **645500** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000F64**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9A8637**, and **312800** is the 20% darker color. If you saturate the color by 10%, you get **645500**, and if you desaturate by 10%, it is **64570A**.

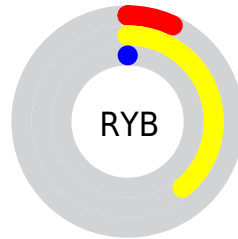
Distribution



Red (39%)

Green (33%)

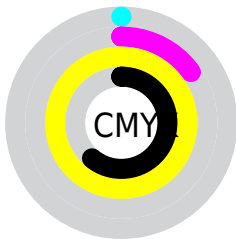
Blue (0%)



Red (7%)

Yellow (39%)

Blue (0%)

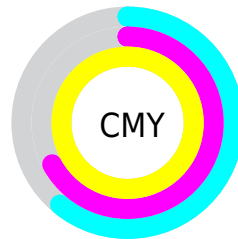


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 645500 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 645500 by changing the saturation by 10% instead.

 645500

 645500

 FFFFFF2

 4B3E00

 9A8637

 312800

 B6A050

 181500

 D3BB69

 000000

 F0D783

 FFF39E

 FFFFBA

 FFFF66

 645500

 64570A

 645814

 645A1E

 645B28

 645D32

 645E3C

 646046

 646150

 64635A

Harmonies

Analogous

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



804713



645500



405E12

Triad

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



645500



00667B



833A77

Complementary

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



645500



000F64

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.



5A4B92



645500



006295

Square

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



645500



006658



00599D



943254

Rectangle

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



645500



1C6228



00599D



784081

Sweetspot

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



645500



827C5B



64000F



423F2A



C2C2C2



424242

Same Dimension

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



645500



826F00



416400



33322E



736200



F2CE00

Inverse Universe

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



000F64



001482



230064



2E2F33



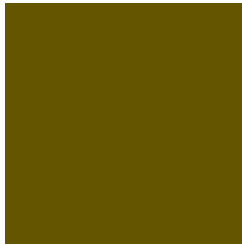
001173



0024F2

Previews

White Background



This preview shows how the Hex color 645500 looks on a white background.

Color Contrast Check

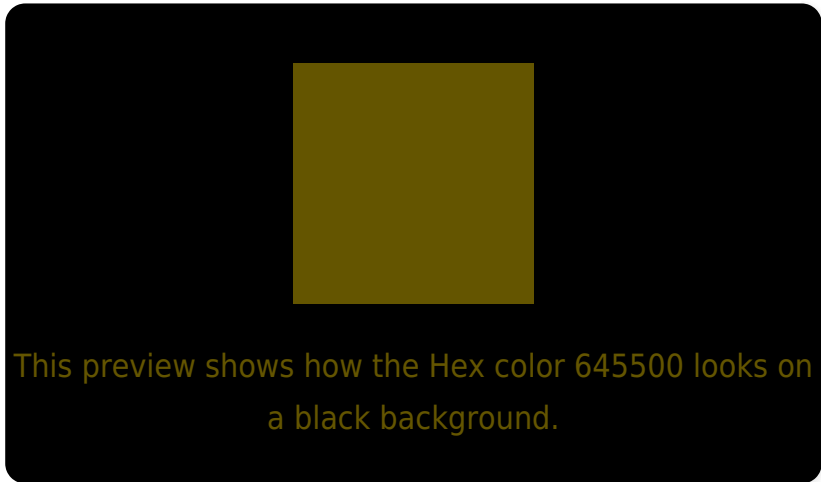
Large Text (above 18pt) WCAG AA ✓ Pass

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

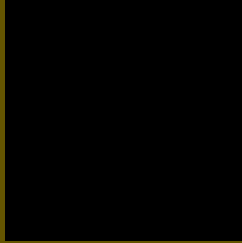
Any Text WCAG AA × Fail

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 645500 Background



This preview shows how black text looks on a background with the Hex color 645500.

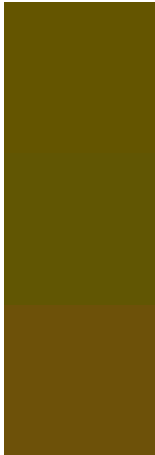


This preview shows how white text looks on a background with the Hex color 645500.

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
645500

Protanopia
615603

Deuteranopia
6D5109



Tritanopia
694F55

Trichromacy



Original Color
645500

Protanomaly
625602

Deuteranomaly
6A5206

Tritanomaly
675136

Monochromacy



Original Color
645500

Achromatopsia
505050

Achromatomaly
575233

CSS Examples

Text

The CSS property to change the color of the text to Hex 645500 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 #645500 looks like.

```
.text, #text, p{  
    color:#645500  
}
```

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 #645500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #645500
}
```

Border

The CSS property to change the border of an element to Hex 645500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

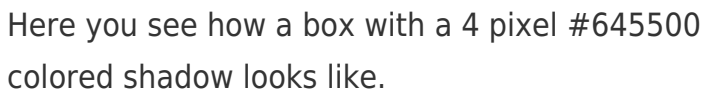
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#645500 }
```

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

```
.border{ border-color:#645500 }
```

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



Here you see how a box with a 4 pixel #645500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #645500; -webkit-box-shadow:4px 4px  
4px 4px #645500; box-shadow:4px 4px 4px  
4px #645500 }
```

Background

The CSS property to change the background color of an element to Hex 645500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#645500 }
```

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

```
.background{ background-color:#645500 }
```

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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