

# Converting Colors

Hex(635345)

Have a look what the booklet for  
Hex(635345) contains.

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# Color

Hex(635345)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635345
RGB	99, 83, 69
RGB Percent	39%, 33%, 27%
CMY	0.6118, 0.6745, 0.7294
CMYK	0.00, 0.16, 0.30, 0.61
HSL	28°, 18%, 33%
HSV	28°, 30%, 39%
XYZ	9.3130, 9.2688, 6.9284
YIQ	86.1880, 14.0300, -0.9620

# Conversions

## Conversions Part 2

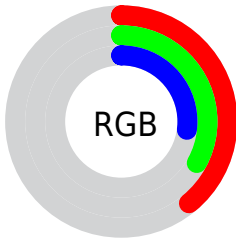
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 95, 69
Decimal	6509381
CIE Lab	36.50, 4.23, 10.67
CIE LCh	36, 11.473, 68.369
Yxy	9.2688, 0.3651, 0.3633
Android (android.graphics.Color)	4284699461 (0xFF635345)
YUV	86.1880, -8.4737, 11.2361
Hunter-Lab	30.4448, 1.3247, 7.8185

# Details

The Hex color **635345** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **455563**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **968475**, and **34261A** is the 20% darker color. If you saturate the color by 10%, you get **634E3B**, and if you desaturate by 10%, it is **63584F**.

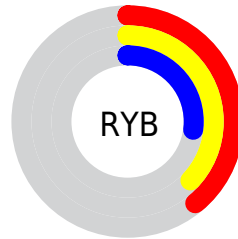
# Distribution



Red (39%)

Green (33%)

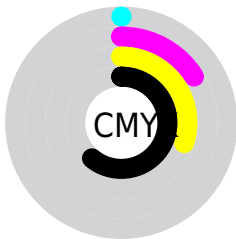
Blue (27%)



Red (39%)

Yellow (37%)

Blue (27%)

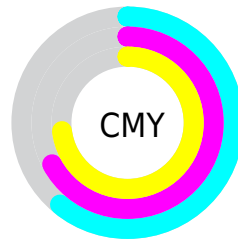


Cyan (0%)

Magenta (16%)

Yellow (30%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635345 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 635345 by changing the saturation by 10% instead.





635345



635345

FFFFFF



4B3C2F



968475



34261A



B19F8F



201200



CDB9A9



000000



E9D5C5



FFF1E1

FFFFFFD



635345



635345



634E3B



63584F

■ 634831

■ 635E59

■ 634327

■ 636363

■ 633E1D

■ 63686D

■ 633913

■ 636D77

■ 63330A

■ 637380

■ 632E00

■ 63788A

■ 637D94

■ 63839E

# Harmonies

## Analogous

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



68504B



635345



5A5644

# Triad

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



635345



3F5B58



5B5364

# Complementary

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



635345



455563

# 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.



4F5668



635345



3D5B61

# Square

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



635345



465B4F



445967



64505D

# Rectangle

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



635345



545846



445967



575466



# Sweetspot

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



635345



807974



634555



403C39



BFBFBF



404040



# Same Dimension

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



635345



806752



636245



302E2C



703400



F07000



# Inverse Universe

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



455563



526A80



454663



2C2E30



003C70



0080F0



# Previews

## White Background



This preview shows how the Hex color 635345 looks on a white background.

## Color Contrast Check

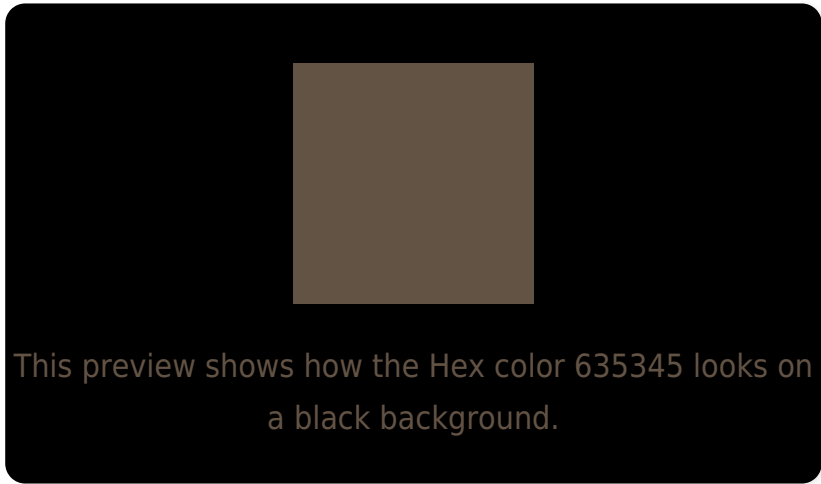
Large Text (above 18pt) WCAG AA ✓ Pass

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

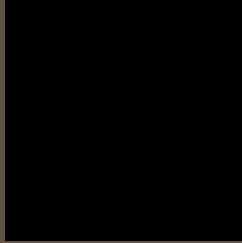
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635345 Background



This preview shows how black text looks on a background with the Hex color 635345.

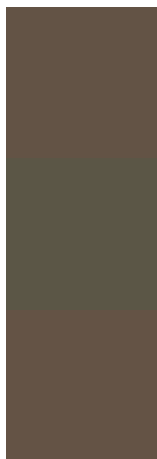


This preview shows how white text looks on a background with the Hex color 635345.

# 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**  
635345

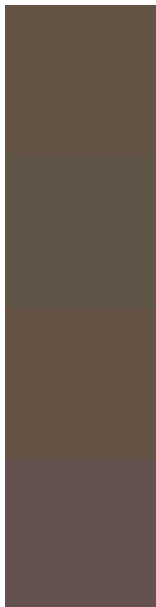
**Protanopia**  
5B5646

**Deuteranopia**  
645345



**Tritanopia**  
655157

# Trichromacy



**Original Color**

635345

**Protanomaly**

5E5546

**Deuteranomaly**

645345

**Tritanomaly**

645250

# Monochromacy



**Original Color**

635345

**Achromatopsia**

565656

**Achromatomaly**

5B5550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635345 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 #635345 looks like.

```
.text, #text, p{  
    color:#635345  
}
```

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 #635345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635345
}
```

## Border

The CSS property to change the border of an element to Hex 635345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

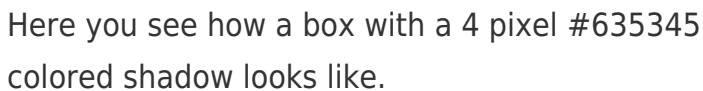
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635345 }
```

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

```
.border{ border-color:#635345 }
```

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



Here you see how a box with a 4 pixel #635345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635345; -webkit-box-shadow:4px 4px  
4px 4px #635345; box-shadow:4px 4px 4px  
4px #635345 }
```

# Background

The CSS property to change the background color of an element to Hex 635345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635345 }
```

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

```
.background{ background-color:#635345 }
```

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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