

# Converting Colors

Hex(635B5B)

Have a look what the booklet for  
Hex(635B5B) contains.

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# Color

**Hex(635B5B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635B5B
RGB	99, 91, 91
RGB Percent	39%, 36%, 36%
CMY	0.6118, 0.6431, 0.6431
CMYK	0.00, 0.08, 0.08, 0.61
HSL	0°, 4%, 37%
HSV	0°, 8%, 39%
XYZ	10.7750, 10.8902, 11.4316
YIQ	93.3920, 4.7680, 1.6960

# Conversions

## Conversions Part 2

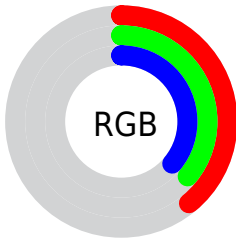
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 91, 91
Decimal	6511451
CIELab	39.39, 3.22, 1.16
CIELCh	39, 3.420, 19.779
Yxy	10.8902, 0.3256, 0.3290
Android (android.graphics.Color)	4284701531 (0xFF635B5B)
YUV	93.3920, -1.1793, 4.9182
Hunter-Lab	33.0002, 0.5322, 2.5615




# Details

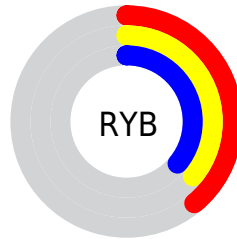
The Hex color **635B5B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B6363**, and the grayscale version is **5D5D5D**.




A 20% lighter version of the original color is **968D8D**, and **342D2D** is the 20% darker color. If you saturate the color by 10%, you get **635151**, and if you desaturate by 10%, it is **636565**.

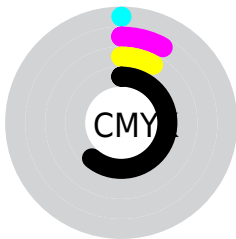
# Distribution







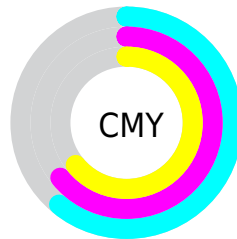
-  Red (39%)
-  Green (36%)
-  Blue (36%)






-  Red (39%)
-  Yellow (36%)
-  Blue (36%)



-  Cyan (0%)
-  Magenta (8%)
-  Yellow (8%)
-  Black (61%)



-  Cyan (61%)
-  Magenta (64%)
-  Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635B5B 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 635B5B by changing the saturation by 10% instead.





635B5B



635B5B

FFFFFF



4B4444



968D8D



342D2D



B0A7A7



1F1919



CCC3C3



020000



E8DFDF



000000



FFFBFB



635B5B



635B5B



635151



636565



634747



636F6F

■ 633D3D

■ 637979

■ 633333

■ 638383

■ 632A2A

■ 638D8D

■ 632020

■ 639696

■ 631616

■ 63A0A0

■ 630C0C

■ 63AAAA

■ 630202

■ 63B4B4

# Harmonies

## Analogous

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



625B5E



635B5B



625B59

# Triad

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



635B5B



5A5E59



595D62

# Complementary

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



635B5B



5B6363

# 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.



575E61



635B5B



575E5C

# Square

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



635B5B



5D5D58



565E5F



5C5C62

# Rectangle

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



635B5B



615C58



565E5F



585E62



# Sweetspot

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



635B5B



807D7D



635B63



403E3E



BFBFBF



404040



# Same Dimension

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



635B5B



807373



635F5B



302C2C



700000



F00000



# Inverse Universe

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



5B6363



738080



5B5F63



2C3030



007070



00F0F0



# Previews

## White Background



This preview shows how the Hex color 635B5B looks on a white background.

## Color Contrast Check

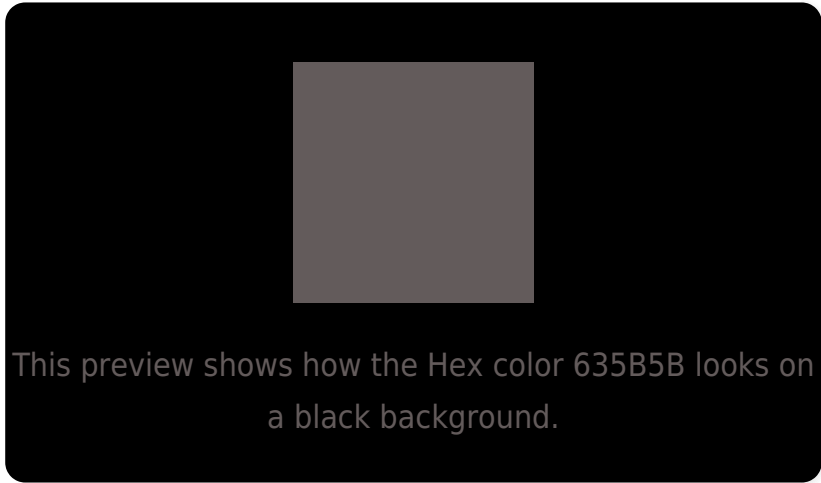
Large Text (above 18pt) WCAG AA ✓ Pass

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

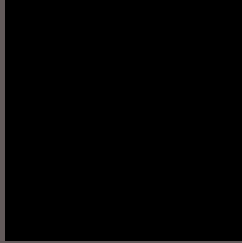
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635B5B Background



This preview shows how black text looks on a background with the Hex color 635B5B.

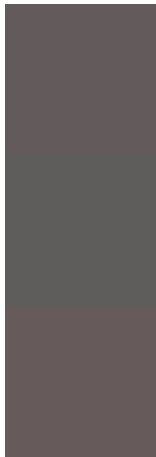


This preview shows how white text looks on a background with the Hex color 635B5B.

# 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](#).

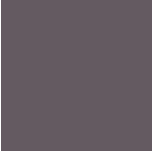
## Dichromacy



**Original Color**  
635B5B

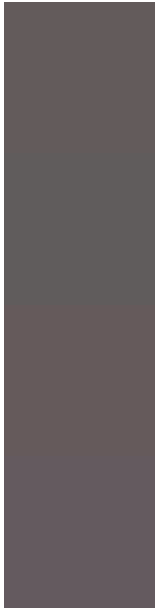
**Protanopia**  
5F5C5C

**Deuteranopia**  
665A5B



**Tritanopia**  
645A61

# Trichromacy



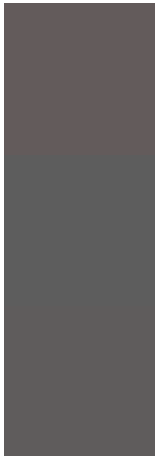
**Original Color**  
635B5B

**Protanomaly**  
605C5C

**Deuteranomaly**  
655A5B

**Tritanomaly**  
645A5F

# Monochromacy



**Original Color**  
635B5B

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5F5C5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635B5B 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 #635B5B looks like.

```
.text, #text, p{  
    color:#635B5B  
}
```

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 #635B5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635B5B
}
```

## Border

The CSS property to change the border of an element to Hex 635B5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

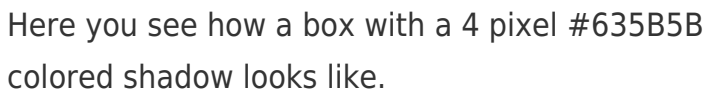
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635B5B }
```

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

```
.border{ border-color:#635B5B }
```

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



Here you see how a box with a 4 pixel #635B5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635B5B; -webkit-box-shadow:4px 4px  
4px 4px #635B5B; box-shadow:4px 4px 4px  
4px #635B5B }
```

# Background

The CSS property to change the background color of an element to Hex 635B5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635B5B }
```

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

```
.background{ background-color:#635B5B }
```

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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