

# Converting Colors

Hex(635E5E)

Have a look what the booklet for  
Hex(635E5E) contains.

<b>Hex(635E5E)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(635E5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635E5E
RGB	99, 94, 94
RGB Percent	39%, 37%, 37%
CMY	0.6118, 0.6314, 0.6314
CMYK	0.00, 0.05, 0.05, 0.61
HSL	0°, 3%, 38%
HSV	0°, 5%, 39%
XYZ	11.1687, 11.4662, 12.2142
YIQ	95.4950, 2.9800, 1.0600

# Conversions

## Conversions Part 2

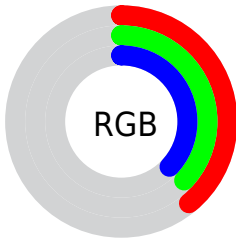
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	99, 94, 94
Decimal	6512222
CIE Lab	40.35, 1.99, 0.71
CIE LCh	40, 2.114, 19.535
Yxy	11.4662, 0.3205, 0.3290
Android (android.graphics.Color)	4284702302 (0xFF635E5E)
YUV	95.4950, -0.7370, 3.0739
Hunter-Lab	33.8618, -0.3833, 2.3169

# Details

The Hex color **635E5E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E6363**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **969090**, and **353030** is the 20% darker color. If you saturate the color by 10%, you get **635454**, and if you desaturate by 10%, it is **636868**.

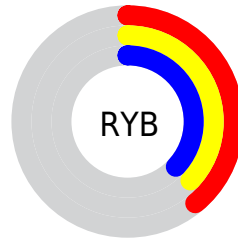
# Distribution



Red (39%)

Green (37%)

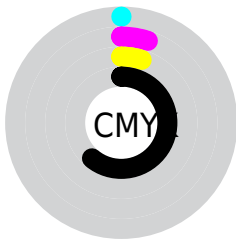
Blue (37%)



Red (39%)

Yellow (37%)

Blue (37%)

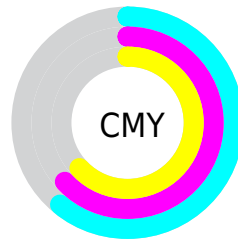


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (61%)



Cyan (61%)

Magenta (63%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635E5E 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 635E5E by changing the saturation by 10% instead.





635E5E



635E5E

FFFFFF



4B4646



969090



353030



B0ABAB



1F1B1B



CCC6C6



070000



E8E2E2



000000



635E5E



635E5E



635454



636868



634A4A



637272



634040



637C7C

■ 633636

■ 638686

■ 632D2D

■ 639090

■ 632323

■ 639999

■ 631919

■ 63A3A3

■ 630F0F

■ 63ADAD

■ 630505

■ 63B7B7

# Harmonies

## Analogous

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



625E60



635E5E



635E5D

# Triad

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



635E5E



5D605D



5D5F62

# Complementary

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



635E5E



5E6363

# 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.



5B6062



635E5E



5C605E

# Square

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



635E5E



5F5F5C



5B6060



5F5F62

# Rectangle

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



635E5E



625F5C



5B6060



5C6062



# Sweetspot

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



635E5E



807D7D



635E63



403E3E



BFBFBF



404040



# Same Dimension

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



635E5E



807878



63615E



302D2D



700000



F00000



# Inverse Universe

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



5E6363



788080



5E6163



2D3030



007070



00F0F0



# Previews

## White Background



This preview shows how the Hex color 635E5E looks on a white background.

## Color Contrast Check

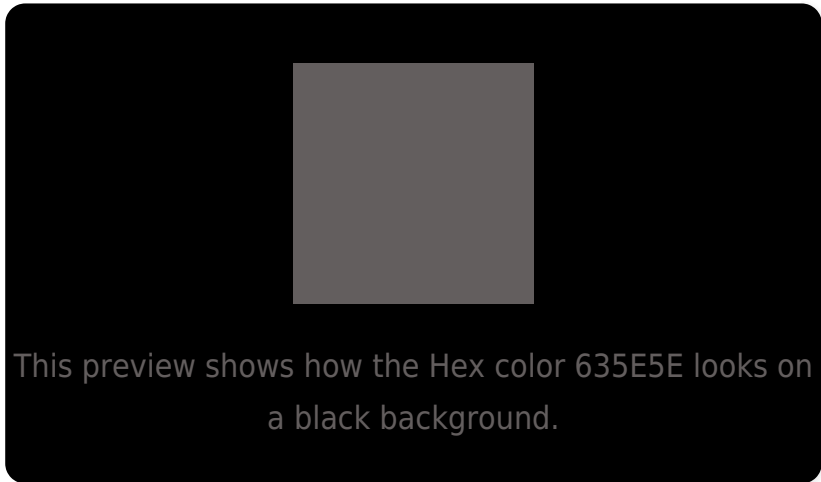
Large Text (above 18pt) WCAG AA ✓ Pass

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 635E5E Background



This preview shows how black text looks on a background with the Hex color 635E5E.

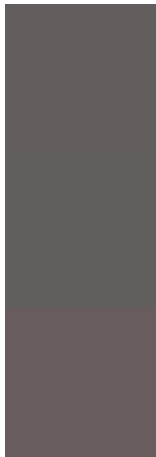


This preview shows how white text looks on a background with the Hex color 635E5E.

# 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**  
635E5E

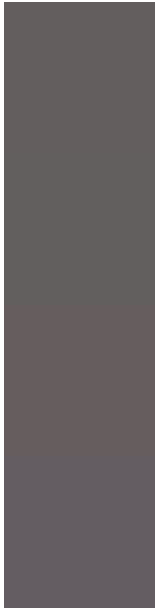
**Protanopia**  
615F5E

**Deuteranopia**  
685C5E



**Tritanopia**  
645D64

# Trichromacy



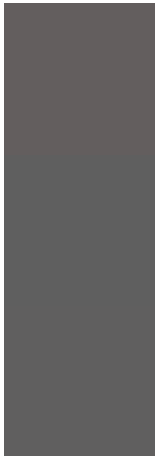
**Original Color**  
635E5E

**Protanomaly**  
625F5E

**Deuteranomaly**  
665D5E

**Tritanomaly**  
645D62

# Monochromacy



**Original Color**  
635E5E

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
605F5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635E5E 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 #635E5E looks like.

```
.text, #text, p{  
    color:#635E5E  
}
```

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 #635E5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635E5E
}
```

## Border

The CSS property to change the border of an element to Hex 635E5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

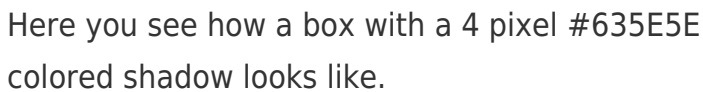
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635E5E }
```

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

```
.border{ border-color:#635E5E }
```

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



Here you see how a box with a 4 pixel #635E5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635E5E; -webkit-box-shadow:4px 4px  
4px 4px #635E5E; box-shadow:4px 4px 4px  
4px #635E5E }
```

# Background

The CSS property to change the background color of an element to Hex 635E5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635E5E }
```

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

```
.background{ background-color:#635E5E }
```

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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