

# Converting Colors

Hex(635C58)

Have a look what the booklet for  
Hex(635C58) contains.

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# Color

Hex(635C58)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635C58
RGB	99, 92, 88
RGB Percent	39%, 36%, 35%
CMY	0.6118, 0.6392, 0.6549
CMYK	0.00, 0.07, 0.11, 0.61
HSL	22°, 6%, 37%
HSV	22°, 11%, 39%
XYZ	10.7342, 11.0115, 10.7922
YIQ	93.6370, 5.4560, 0.2400

# Conversions

## Conversions Part 2

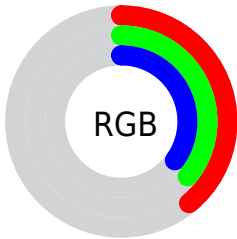
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	99, 94, 88
Decimal	6511704
CIE Lab	39.60, 2.03, 3.30
CIE LCh	40, 3.877, 58.447
Yxy	11.0115, 0.3299, 0.3384
Android (android.graphics.Color)	4284701784 (0xFF635C58)
YUV	93.6370, -2.7790, 4.7034
Hunter-Lab	33.1836, -0.3304, 3.9458

# Details

The Hex color **635C58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585F63**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **968E8A**, and **342E2B** is the 20% darker color. If you saturate the color by 10%, you get **63564E**, and if you desaturate by 10%, it is **636262**.

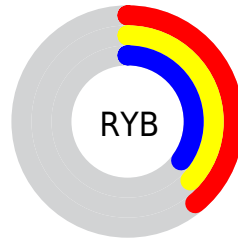
# Distribution



Red (39%)

Green (36%)

Blue (35%)



Red (39%)

Yellow (37%)

Blue (35%)

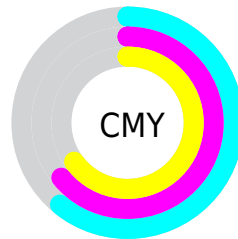


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (61%)



Cyan (61%)

Magenta (64%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635C58 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 635C58 by changing the saturation by 10% instead.



 635C58

 635C58

FFFFFF

 4B4541

 968E8A

 342E2B

 B0A9A4

 1F1A16

 CCC4BF

 010000

 E8E0DB

 000000

 FFFCF8

 635C58

 635C58

 63564E

 636262

 634F44

 63696C

■ 63493A

■ 636F76

■ 634330

■ 637580

■ 633C27

■ 637C8A

■ 63361D

■ 638293

■ 633013

■ 63889D

■ 632A09

■ 638EA7

■ 632400

■ 6395B1

# Harmonies

## Analogous

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



645B5A



635C58



605D57

# Triad

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



635C58



565F5D



5E5D63

# Complementary

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



635C58



585F63

# 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.



5A5E63



635C58



565F60

# Square

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



635C58



595F5A



575F63



615C61

# Rectangle

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



635C58



5E5E57



575F63



5C5D63



# Sweetspot

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



635C58



807D7C



63585F



403E3D



BFBFBF



404040



# Same Dimension

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



635C58



80756F



636158



302D2C



702900



F05700



# Inverse Universe

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



585F63



6F7980



585A63



2C2F30



004770



0099F0



# Previews

## White Background



This preview shows how the Hex color 635C58 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

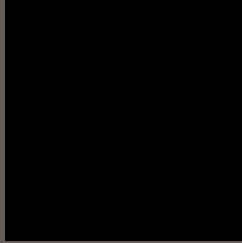
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635C58 Background



This preview shows how black text looks on a background with the Hex color 635C58.



This preview shows how white text looks on a background with the Hex color 635C58.

# 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**  
635C58

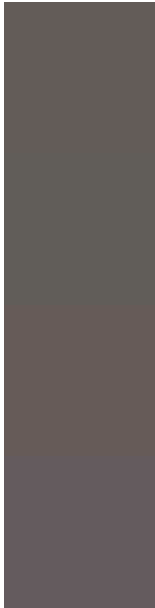
**Protanopia**  
605D59

**Deuteranopia**  
685A58



**Tritanopia**  
645B62

# Trichromacy



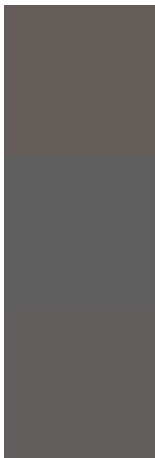
**Original Color**  
635C58

**Protanomaly**  
615D59

**Deuteranomaly**  
665B58

**Tritanomaly**  
645B5E

# Monochromacy



**Original Color**  
635C58

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
605D5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635C58 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 #635C58 looks like.

```
.text, #text, p{  
    color:#635C58  
}
```

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 #635C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635C58
}
```

## Border

The CSS property to change the border of an element to Hex 635C58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

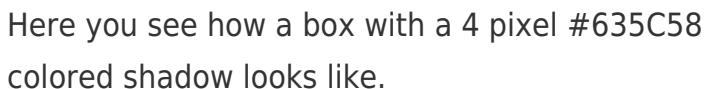
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635C58 }
```

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

```
.border{ border-color:#635C58 }
```

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



Here you see how a box with a 4 pixel #635C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635C58; -webkit-box-shadow:4px 4px  
4px 4px #635C58; box-shadow:4px 4px 4px  
4px #635C58 }
```

# Background

The CSS property to change the background color of an element to Hex 635C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635C58 }
```

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

```
.background{ background-color:#635C58 }
```

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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