

# Converting Colors

Hex(635C60)

Have a look what the booklet for  
Hex(635C60) contains.

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# Color

Hex(635C60)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635C60
RGB	99, 92, 96
RGB Percent	39%, 36%, 38%
CMY	0.6118, 0.6392, 0.6235
CMYK	0.00, 0.07, 0.03, 0.61
HSL	326°, 4%, 37%
HSV	326°, 7%, 39%
XYZ	11.0841, 11.1515, 12.6346
YIQ	94.5490, 2.8880, 2.7280

# Conversions

## Conversions Part 2

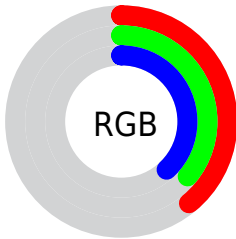
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 92, 96
Decimal	6511712
CIE Lab	39.83, 3.62, -1.28
CIE LCh	40, 3.837, 340.443
Yxy	11.1515, 0.3179, 0.3198
Android (android.graphics.Color)	4284701792 (0xFF635C60)
YUV	94.5490, 0.7153, 3.9035
Hunter-Lab	33.3938, 0.8084, 0.9432

# Details

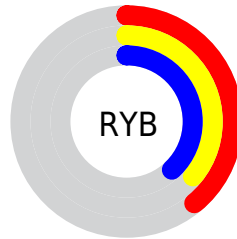
The Hex color **635C60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5C635F**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **968E92**, and **352E32** is the 20% darker color. If you saturate the color by 10%, you get **63525C**, and if you desaturate by 10%, it is **636664**.

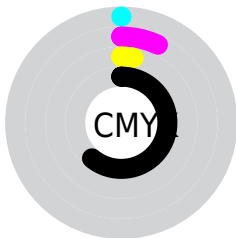
# Distribution



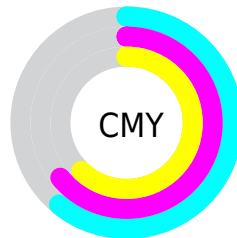
- Red (39%)
- Green (36%)
- Blue (38%)



- Red (39%)
- Yellow (36%)
- Blue (38%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635C60 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 635C60 by changing the saturation by 10% instead.



 635C60

 635C60

FFFFFF

 4B4448

 968E92

 352E32

 B0A9AD

 1F1A1D

 CCC4C8

 060003

 E8E0E4

 000000

 FFFCFF

 635C60

 635C60

 63525C

 636664

 634858

 637068

633E53

637A6D

63344F

638471

632B4B

638E75

632147

639779

631742

63A17E

630D3E

63AB82

63033A

63B586

# Harmonies

## Analogous

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



605D63



635C60



655C5D

# Triad

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



635C60



5F5E58



575F62

# Complementary

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



635C60



5C635F

# 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.



57605F



635C60



5C5F59

# Square

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



635C60



635D58



58605C



595F64

# Rectangle

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



635C60



655C5B



58605C



566061



# Sweetspot

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



635C60



807D7E



5F5C63



403E3F



BFBFBF



404040



# Same Dimension

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



635C60



80757B



635C5D



302C2E



700040



F00089



# Inverse Universe

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



635C60



80757B



5C6362



302C2E



700040



F00089



# Previews

## White Background



This preview shows how the Hex color 635C60 looks on a white background.

## Color Contrast Check

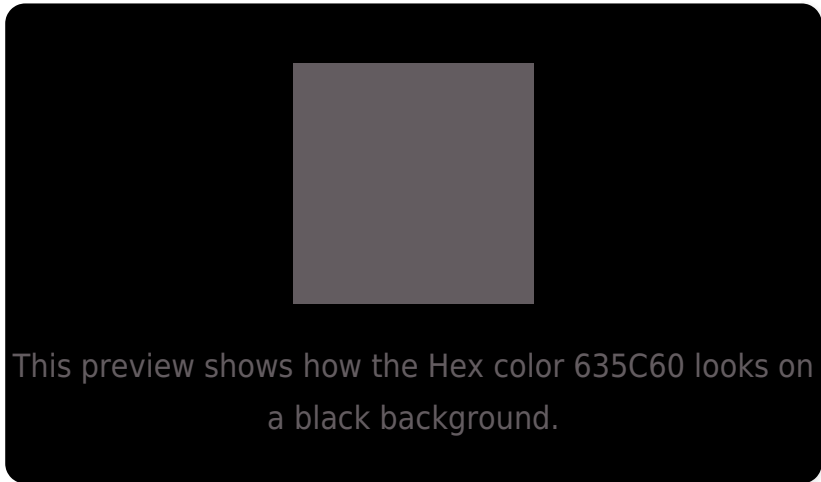
Large Text (above 18pt) WCAG AA ✓ Pass

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

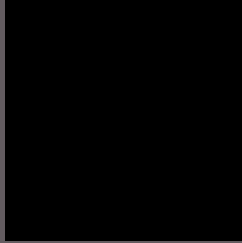
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635C60 Background



This preview shows how black text looks on a background with the Hex color 635C60.

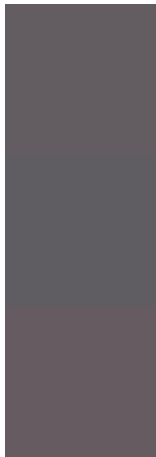


This preview shows how white text looks on a background with the Hex color 635C60.

# 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**  
635C60

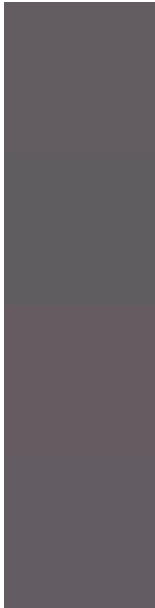
**Protanopia**  
5F5D61

**Deuteranopia**  
665B60



**Tritanopia**  
635C63

# Trichromacy



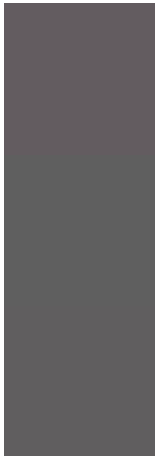
**Original Color**  
635C60

**Protanomaly**  
605D61

**Deuteranomaly**  
655B60

**Tritanomaly**  
635C62

# Monochromacy



**Original Color**  
635C60

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
605E5F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635C60 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 #635C60 looks like.

```
.text, #text, p{  
    color:#635C60  
}
```

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 #635C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635C60
}
```

## Border

The CSS property to change the border of an element to Hex 635C60 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
#635C60 }
```

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

```
.border{ border-color:#635C60 }
```

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

Here you see how a box with a 4 pixel #635C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635C60; -webkit-box-shadow:4px 4px  
4px 4px #635C60; box-shadow:4px 4px 4px  
4px #635C60 }
```

# Background

The CSS property to change the background color of an element to Hex 635C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635C60 }
```

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

```
.background{ background-color:#635C60 }
```

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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