

# Converting Colors

Hex(635459)

Have a look what the booklet for  
Hex(635459) contains.

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# Color

**Hex(635459)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635459
RGB	99, 84, 89
RGB Percent	39%, 33%, 35%
CMY	0.6118, 0.6706, 0.6510
CMYK	0.00, 0.15, 0.10, 0.61
HSL	340°, 8%, 36%
HSV	340°, 15%, 39%
XYZ	10.1191, 9.7146, 10.7930
YIQ	89.0550, 7.3350, 4.7350

# Conversions

## Conversions Part 2

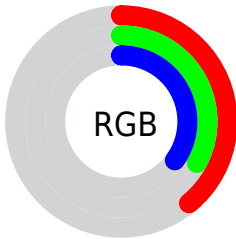
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	99, 84, 89
Decimal	6509657
CIE Lab	37.33, 7.13, -0.62
CIE LCh	37, 7.153, 355.027
Yxy	9.7146, 0.3304, 0.3172
Android (android.graphics.Color)	4284699737 (0xFF635459)
YUV	89.0550, -0.0271, 8.7218
Hunter-Lab	31.1682, 3.4076, 1.2867

# Details

The Hex color **635459** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **54635E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **96868B**, and **34272C** is the 20% darker color. If you saturate the color by 10%, you get **634A52**, and if you desaturate by 10%, it is **635E60**.

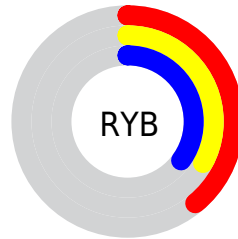
# Distribution



Red (39%)

Green (33%)

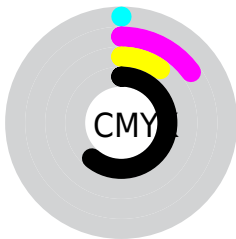
Blue (35%)



Red (39%)

Yellow (33%)

Blue (35%)

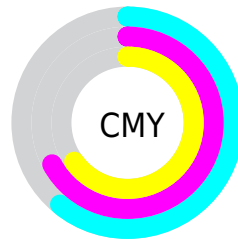


Cyan (0%)

Magenta (15%)

Yellow (10%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635459 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 635459 by changing the saturation by 10% instead.



635459

635459

FFFFFF

4B3D42

96868B

34272C

B1A0A5

1F1317

CCBBC0

000000

E8D6DC

FFF3F9

635459

635459

634A52

635E60

63404C

636866

■ 633645

■ 63726D

■ 632C3F

■ 637C73

■ 632338

■ 63867A

■ 631931

■ 638F81

■ 630F2B

■ 639987

■ 630524

■ 63A38E

■ 630021

■ 63AD94

# Harmonies

## Analogous

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



5F555E



635459



645453

# Triad

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



635459



57594D



4B5A61

# Complementary

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



635459



54635E

# 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.



495B5C



635459



515A51

# Square

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



635459



5E574C



4B5B57



515963

# Rectangle

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



635459



635550



4B5B57



4A5B60



# Sweetspot

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



635459



80797B



5E5463



403C3D



BFBFBF



404040



# Same Dimension

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



635459



806970



635754



302C2D



700025



F00050



# Inverse Universe

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



635459



806970



546163



302C2D



700025



F00050



# Previews

## White Background



This preview shows how the Hex color 635459 looks on a white background.

## Color Contrast Check

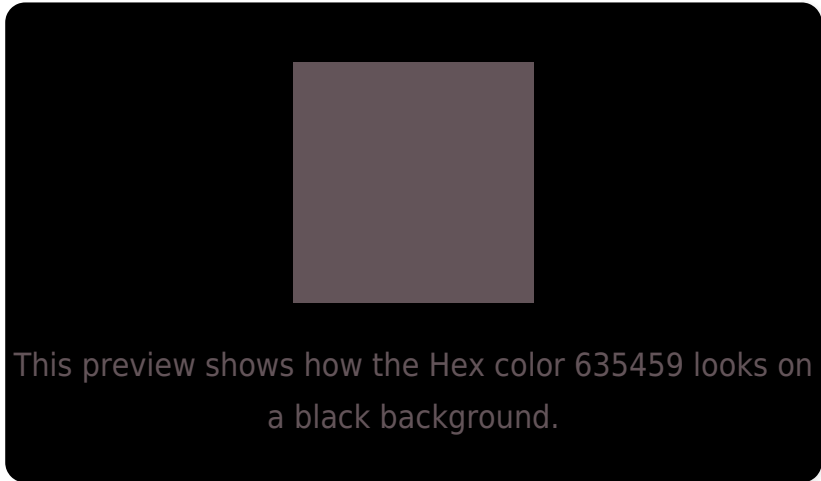
Large Text (above 18pt) WCAG AA ✓ Pass

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

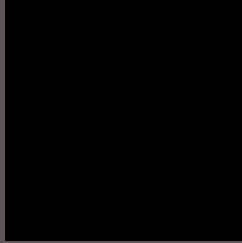
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635459 Background



This preview shows how black text looks on a background with the Hex color 635459.



This preview shows how white text looks on a background with the Hex color 635459.

# 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**  
635459

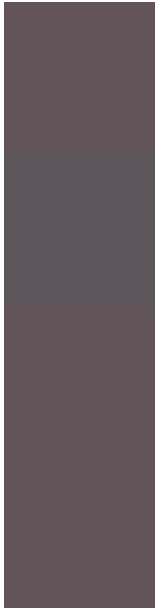
**Protanopia**  
59575B

**Deuteranopia**  
605559



**Tritanopia**  
63545A

# Trichromacy



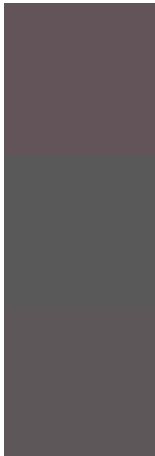
**Original Color**  
635459

**Protanomaly**  
5D565A

**Deuteranomaly**  
615559

**Tritanomaly**  
63545A

# Monochromacy



**Original Color**  
635459

**Achromatopsia**  
595959

**Achromatomaly**  
5D5759

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635459 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 #635459 looks like.

```
.text, #text, p{  
    color:#635459  
}
```

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 #635459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635459
}
```

## Border

The CSS property to change the border of an element to Hex 635459 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".

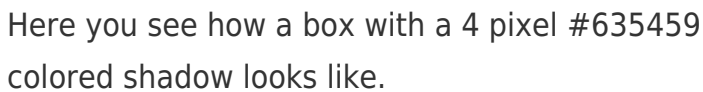
```
.border, #border, table{ border:4px solid
#635459 }
```

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

```
.border{ border-color:#635459 }
```

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

Here you see how a box with a 4 pixel #635459 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635459; -webkit-box-shadow:4px 4px  
4px 4px #635459; box-shadow:4px 4px 4px  
4px #635459 }
```

# Background

The CSS property to change the background color of an element to Hex 635459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635459 }
```

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

```
.background{ background-color:#635459 }
```

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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