

# Converting Colors

Hex(635A60)

Have a look what the booklet for  
Hex(635A60) contains.

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# Color

**Hex(635A60)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	635A60
RGB	99, 90, 96
RGB Percent	39%, 35%, 38%
CMY	0.6118, 0.6471, 0.6235
CMYK	0.00, 0.09, 0.03, 0.61
HSL	320°, 5%, 37%
HSV	320°, 9%, 39%
XYZ	10.9131, 10.8095, 12.5776
YIQ	93.3750, 3.4380, 3.7740

# Conversions

## Conversions Part 2

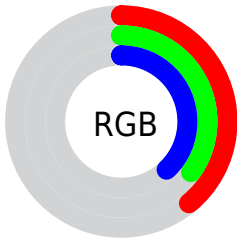
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 90, 96
Decimal	6511200
CIELab	39.26, 4.84, -2.13
CIELCh	39, 5.287, 336.223
Yxy	10.8095, 0.3182, 0.3151
Android (android.graphics.Color)	4284701280 (0xFF635A60)
YUV	93.3750, 1.2941, 4.9331
Hunter-Lab	32.8778, 1.7130, 0.3327

# Details

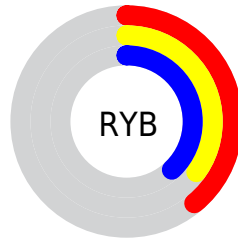
The Hex color **635A60** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A635D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **968C92**, and **342C32** is the 20% darker color. If you saturate the color by 10%, you get **63505D**, and if you desaturate by 10%, it is **636463**.

# Distribution



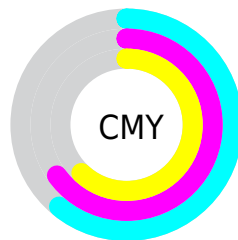
- Red (39%)
- Green (35%)
- Blue (38%)



- Red (39%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (9%)
- Yellow (3%)
- Black (61%)



- Cyan (61%)
- Magenta (65%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 635A60 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 635A60 by changing the saturation by 10% instead.



 635A60

 635A60

FFFFFF

 4B4348

 968C92

 342C32

 B0A6AD

 1F181D

 CCC2C8

 030002

 E8DDE4

 000000

 FFFAFF

 635A60

 635A60

 63505D

 636463

 634659

 636E67

633C56

63786A

633253

63826D

632950

638C71

631F4C

639574

631549

639F77

630B46

63A97A

630142

63B37E

# Harmonies

## Analogous

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



5E5B63



635A60



665A5C

# Triad

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



635A60



5F5C54



525F61

# Complementary

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



635A60



5A635D

# 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.



535F5D



635A60



5A5E55

# Square

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



635A60



635B55



565F59



555E64

# Rectangle

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



635A60



665A59



565F59



525F60



# Sweetspot

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



635A60



807C7E



5D5A63



403D3F



BFBFBF



404040



# Same Dimension

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



635A60



80717B



635A5C



302C2F



70004B



F000A0



# Inverse Universe

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



635A60



80717B



5A6362



302C2F



70004B

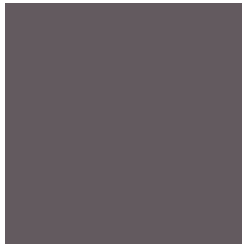


F000A0



# Previews

## White Background



This preview shows how the Hex color 635A60 looks on a white background.

## Color Contrast Check

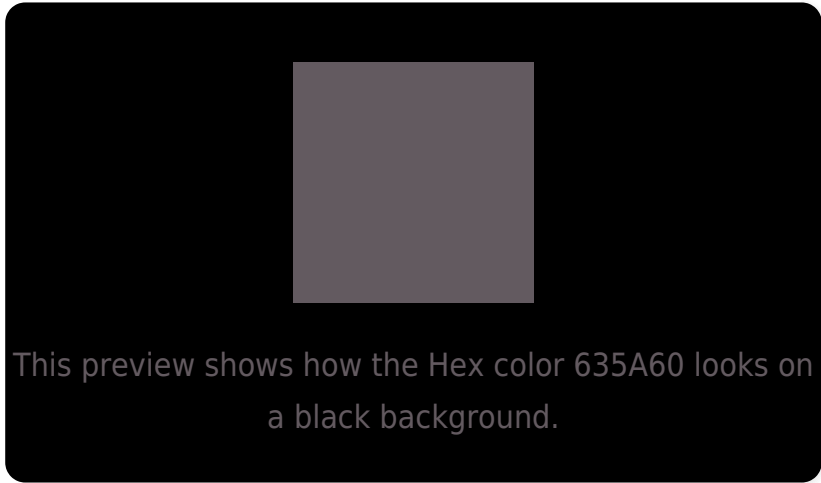
Large Text (above 18pt) WCAG AA ✓ Pass

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

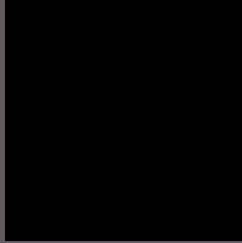
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635A60 Background



This preview shows how black text looks on a background with the Hex color 635A60.



This preview shows how white text looks on a background with the Hex color 635A60.

# 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](#).

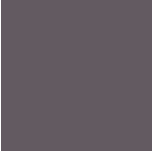
## Dichromacy



**Original Color**  
635A60

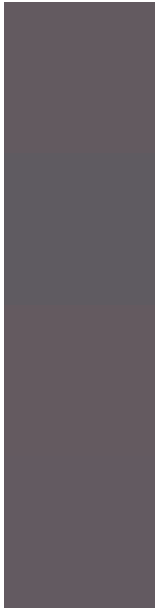
**Protanopia**  
5D5C61

**Deuteranopia**  
645A60



**Tritanopia**  
635A61

# Trichromacy



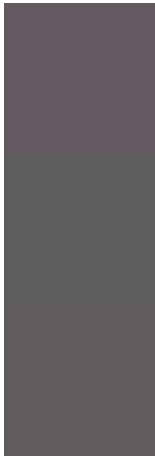
**Original Color**  
635A60

**Protanomaly**  
5F5B61

**Deuteranomaly**  
645A60

**Tritanomaly**  
635A61

# Monochromacy



**Original Color**  
635A60

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
5F5C5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635A60 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 #635A60 looks like.

```
.text, #text, p{  
    color:#635A60  
}
```

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 #635A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635A60
}
```

## Border

The CSS property to change the border of an element to Hex 635A60 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
#635A60 }
```

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

```
.border{ border-color:#635A60 }
```

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

Here you see how a box with a 4 pixel #635A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635A60; -webkit-box-shadow:4px 4px  
4px 4px #635A60; box-shadow:4px 4px 4px  
4px #635A60 }
```

# Background

The CSS property to change the background color of an element to Hex 635A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635A60 }
```

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

```
.background{ background-color:#635A60 }
```

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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