

# Converting Colors

Hex(635A64)

Have a look what the booklet for  
Hex(635A64) contains.

<b>Hex(635A64)</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(635A64)

# Conversions

## Conversions Part 1

Format	Color
Hex	635A64
RGB	99, 90, 100
RGB Percent	39%, 35%, 39%
CMY	0.6118, 0.6471, 0.6078
CMYK	0.01, 0.10, 0.00, 0.61
HSL	294°, 5%, 37%
HSV	294°, 10%, 39%
XYZ	11.1020, 10.8851, 13.5725
YIQ	93.8310, 2.1540, 5.0180

# Conversions

## Conversions Part 2

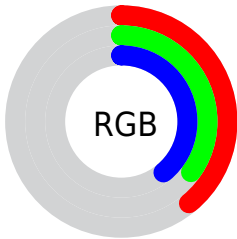
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 90, 100
Decimal	6511204
CIE Lab	39.39, 5.68, -4.41
CIE LCh	39, 7.193, 322.148
Yxy	10.8851, 0.3122, 0.3061
Android (android.graphics.Color)	4284701284 (0xFF635A64)
YUV	93.8310, 3.0413, 4.5332
Hunter-Lab	32.9925, 2.3284, -1.2960

# Details

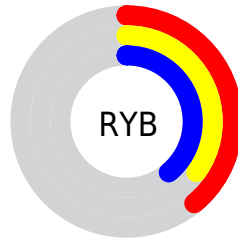
The Hex color **635A64** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5B645A**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **968C97**, and **342C35** is the 20% darker color. If you saturate the color by 10%, you get **625064**, and if you desaturate by 10%, it is **646464**.

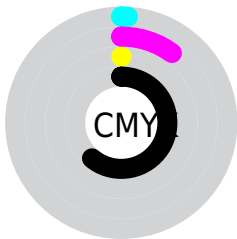
# Distribution



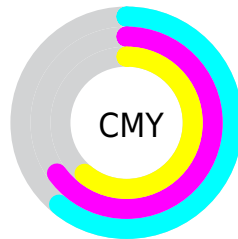
- Red (39%)
- Green (35%)
- Blue (39%)



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



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (61%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 635A64 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 635A64 by changing the saturation by 10% instead.





635A64



635A64

FFFFFF



4B434C



968C97



342C35



B0A6B1



1F1820



CCC2CD



040008



E8DDE9



000000



FFFAFF



635A64



635A64



625064



646464



614664



656E64

603C64

667864

5F3264

678264

5E2864

688C64

5D1E64

699664

5C1464

6AA064

5B0A64

6BAA64

5A0064

6CB464

# Harmonies

## Analogous

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



5C5C68



635A64



68595F

# Triad

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



635A64



635C51



4E6061

# Complementary

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



635A64



5B645A

# 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.



51605B



635A64



5D5E52

# Square

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



635A64



685A54



565F55



505F66

# Rectangle

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



635A64



69595B



565F55



4F605F



# Sweetspot

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



635A64



827E82



5A5B64



424042



C2C2C2



424242



# Same Dimension

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



635A64



807282



645A60



322E33



670073



DA00F2



# Inverse Universe

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



645A5B



827274



5A645E



332E2E



73000B

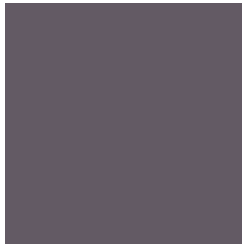


F20018



# Previews

## White Background



This preview shows how the Hex color 635A64 looks on a white background.

## Color Contrast Check

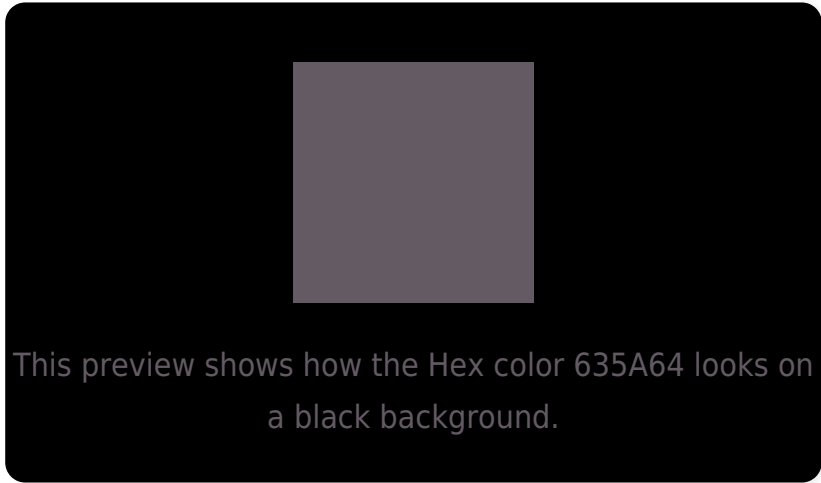
Large Text (above 18pt) WCAG AA ✓ Pass

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

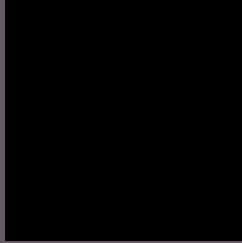
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 635A64 Background



This preview shows how black text looks on a background with the Hex color 635A64.



This preview shows how white text looks on a background with the Hex color 635A64.

# 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**

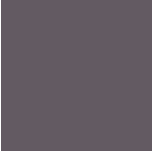
635A64

**Protanopia**

5C5C65

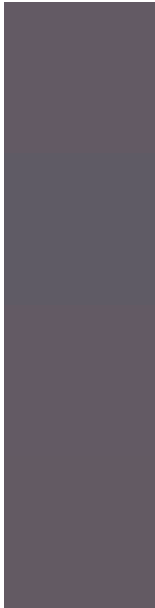
**Deuteranopia**

635A64



**Tritanopia**  
635A62

# Trichromacy



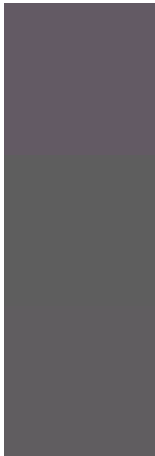
**Original Color**  
635A64

**Protanomaly**  
5F5B65

**Deuteranomaly**  
635A64

**Tritanomaly**  
635A63

# Monochromacy



**Original Color**  
635A64

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
605D60

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 635A64 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 #635A64 looks like.

```
.text, #text, p{  
    color:#635A64  
}
```

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 #635A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635A64
}
```

## Border

The CSS property to change the border of an element to Hex 635A64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

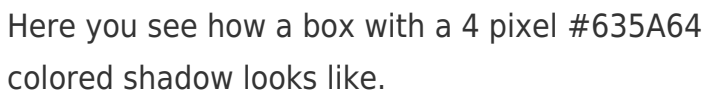
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635A64 }
```

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

```
.border{ border-color:#635A64 }
```

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

A rectangular box with a dark blue shadow. The box is white with a thin black border. The shadow is a dark blue color, matching the #635A64 color mentioned in the text. The shadow is applied to the bottom and right sides of the box, creating a 3D effect.

Here you see how a box with a 4 pixel #635A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635A64; -webkit-box-shadow:4px 4px  
4px 4px #635A64; box-shadow:4px 4px 4px  
4px #635A64 }
```

# Background

The CSS property to change the background color of an element to Hex 635A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635A64 }
```

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

```
.background{ background-color:#635A64 }
```

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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