

Converting Colors

Hex(635E63)

Have a look what the booklet for
Hex(635E63) contains.

| | |
|--|----|
| Hex(635E63) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(635E63)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 635E63 |
| RGB | 99, 94, 99 |
| RGB Percent | 39%, 37%, 39% |
| CMY | 0.6118, 0.6314, 0.6118 |
| CMYK | 0.00, 0.05, 0.00, 0.61 |
| HSL | 300°, 3%, 38% |
| HSV | 300°, 5%, 39% |
| XYZ | 11.4004, 11.5589, 13.4346 |
| YIQ | 96.0650, 1.3750, 2.6150 |

Conversions

Conversions Part 2

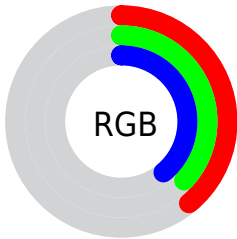
| Format | Color |
|-------------------------------------|----------------------------|
| R_YB | 99, 94, 99 |
| Decimal | 6512227 |
| CIE Lab | 40.51, 3.02, -2.14 |
| CIE LCh | 41, 3.705, 324.658 |
| Yxy | 11.5589, 0.3133, 0.3176 |
| Android (android.graphics.Color) | 4284702307 (0xFF635E63) |
| YUV | 96.0650, 1.4470, 2.5740 |
| Hunter-Lab | 33.9984, 0.3579, 0.3702 |

Details

The Hex color **635E63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E635E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **969096**, and **353035** is the 20% darker color. If you saturate the color by 10%, you get **635463**, and if you desaturate by 10%, it is **636863**.

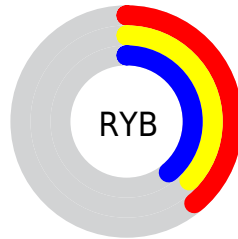
Distribution



Red (39%)

Green (37%)

Blue (39%)



Red (39%)

Yellow (37%)

Blue (39%)

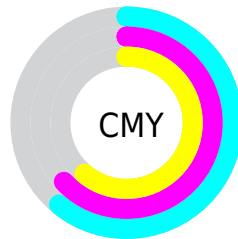


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (61%)



Cyan (61%)

Magenta (63%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635E63 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 635E63 by changing the saturation by 10% instead.



635E63



635E63

FFFFFF



4B464B



969096



353035



B0ABB0



1F1B1F



CCC6CC



070007



E8E2E8



000000



635E63



635E63



635463



636863



634A63



637263



634063



637C63

633663

638663

632D63

639063

632363

639963

631963

63A363

630F63

63AD63

630563

63B763

Harmonies

Analogous

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



5F5F65



635E63



655E60

Triad

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



635E63



635F59



586162

Complementary

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



635E63



5E635E

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.



59615F



635E63



5F605A

Square

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



635E63



655E5B



5C615C



596164

Rectangle

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



635E63



665D5E



5C615C



586161

Sweetspot

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



635E63



807D80



5E5E63



403E40



BFBFBF



404040

Same Dimension

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



635E63



807880



635E61



302D30



700070



F000F0

Inverse Universe

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



635E63



807880



5E6361



302D30



700070



F000F0

Previews

White Background



This preview shows how the Hex color 635E63 looks on a white background.

Color Contrast Check

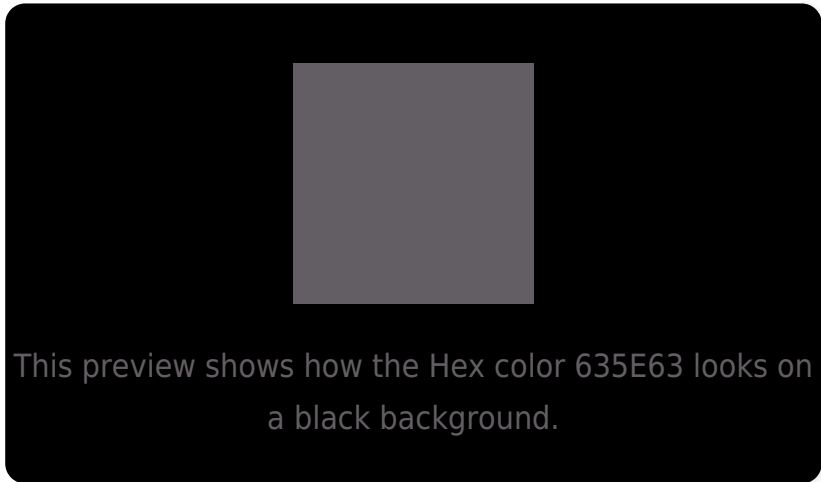
Large Text (above 18pt) WCAG AA ✓ Pass

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

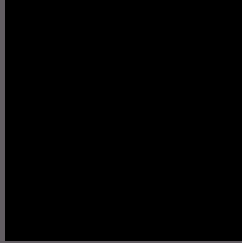
Any Text WCAG AA × Fail

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 635E63 Background



This preview shows how black text looks on a background with the Hex color 635E63.



This preview shows how white text looks on a background with the Hex color 635E63.

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
635E63

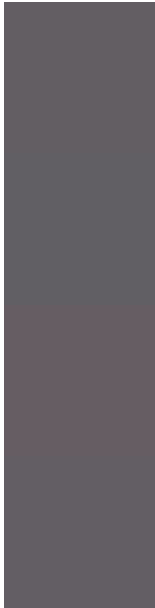
Protanopia
605F64

Deuteranopia
675D63



Tritanopia
635E65

Trichromacy



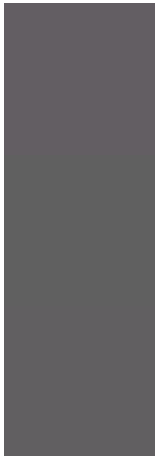
Original Color
635E63

Protanomaly
615F64

Deuteranomaly
665D63

Tritanomaly
635E64

Monochromacy



Original Color
635E63

Achromatopsia
606060

Achromatomaly
615F61

CSS Examples

Text

The CSS property to change the color of the text to Hex 635E63 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 #635E63 looks like.

```
.text, #text, p{  
    color:#635E63  
}
```

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 #635E63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635E63  
}
```

Border

The CSS property to change the border of an element to Hex 635E63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

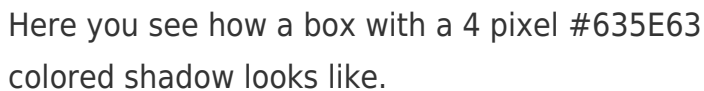
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#635E63 }
```

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

```
.border{ border-color:#635E63 }
```

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



Here you see how a box with a 4 pixel #635E63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635E63; -webkit-box-shadow:4px 4px  
4px 4px #635E63; box-shadow:4px 4px 4px  
4px #635E63 }
```

Background

The CSS property to change the background color of an element to Hex 635E63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635E63 }
```

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

```
.background{ background-color:#635E63 }
```

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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