

Converting Colors

Hex(635656)

Have a look what the booklet for
Hex(635656) contains.

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Color

Hex(635656)

Conversions

Conversions Part 1

Format	Color
Hex	635656
RGB	99, 86, 86
RGB Percent	39%, 34%, 34%
CMY	0.6118, 0.6627, 0.6627
CMYK	0.00, 0.13, 0.13, 0.61
HSL	0°, 7%, 36%
HSV	0°, 13%, 39%
XYZ	10.1531, 9.9801, 10.1953
YIQ	89.8870, 7.7480, 2.7560

Conversions

Conversions Part 2

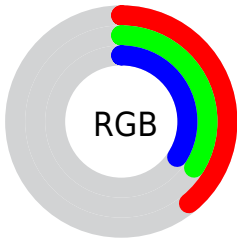
Format	Color
R_{YB}	99, 86, 86
Decimal	6510166
CIE Lab	37.81, 5.32, 1.95
CIE LCh	38, 5.662, 20.156
Yxy	9.9801, 0.3348, 0.3291
Android (android.graphics.Color)	4284700246 (0xFF635656)
YUV	89.8870, -1.9163, 7.9921
Hunter-Lab	31.5913, 2.0831, 2.9795

Details

The Hex color **635656** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **566363**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **968888**, and **342929** is the 20% darker color. If you saturate the color by 10%, you get **634C4C**, and if you desaturate by 10%, it is **636060**.

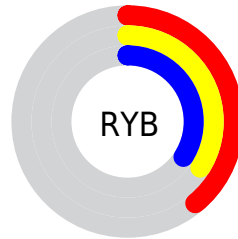
Distribution



Red (39%)

Green (34%)

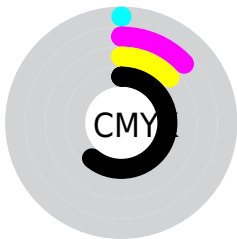
Blue (34%)



Red (39%)

Yellow (34%)

Blue (34%)

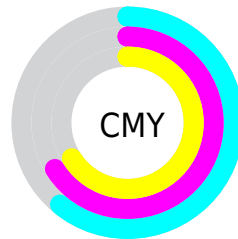


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (61%)



Cyan (61%)

Magenta (66%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 635656 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 635656 by changing the saturation by 10% instead.



635656



635656

FFFFFF



4B3F3F



968888



342929



B1A2A2



1F1515



CCBDBD



000000



E8D9D9



FFF5F5



635656



635656



634C4C



636060



634242



636A6A

■ 633838

■ 637474

■ 632E2E

■ 637E7E

■ 632525

■ 638888

■ 631B1B

■ 639191

■ 631111

■ 639B9B

■ 630707

■ 63A5A5

■ 630000

■ 63AF AF

Harmonies

Analogous

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



61565B



635656



625752

Triad

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



635656



545B53



535A62

Complementary

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



635656



566363

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.



4F5B60



635656



505C57

Square

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



635656



595A50



4E5C5C



585861

Rectangle

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



635656



605851



4E5C5C



515A61

Sweetspot

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



635656



807A7A



635663



403D3D



BFBFBF



404040

Same Dimension

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



635656



806B6B



635D56



302C2C



700000



F00000

Inverse Universe

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



566363



6B8080



565D63



2C3030



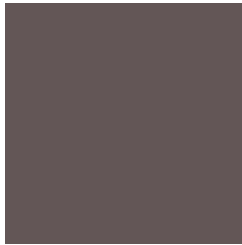
007070



00F0F0

Previews

White Background



This preview shows how the Hex color 635656 looks on a white background.

Color Contrast Check

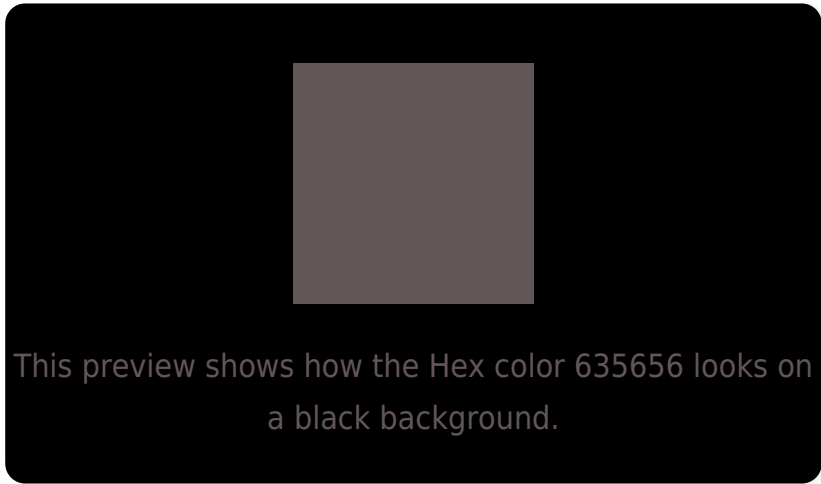
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

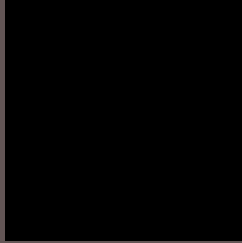
Any Text WCAG AA × Fail

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 635656 Background



This preview shows how black text looks on a background with the Hex color 635656.

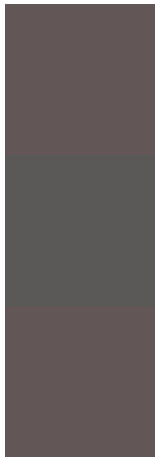


This preview shows how white text looks on a background with the Hex color 635656.

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
635656

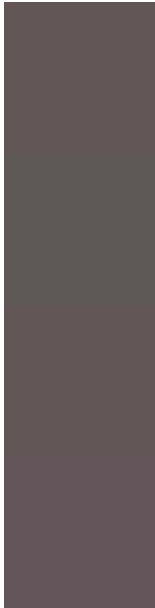
Protanopia
5B5957

Deuteranopia
635656



Tritanopia
64555C

Trichromacy



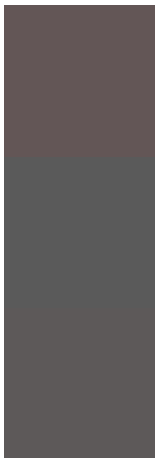
Original Color
635656

Protanomaly
5E5857

Deuteranomaly
635656

Tritanomaly
64555A

Monochromacy



Original Color
635656

Achromatopsia
5A5A5A

Achromatomaly
5D5959

CSS Examples

Text

The CSS property to change the color of the text to Hex 635656 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 #635656 looks like.

```
.text, #text, p{  
    color:#635656  
}
```

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 #635656 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635656
}
```

Border

The CSS property to change the border of an element to Hex 635656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

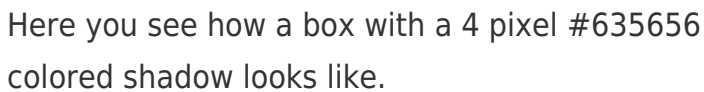
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#635656 }
```

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

```
.border{ border-color:#635656 }
```

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



Here you see how a box with a 4 pixel #635656 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635656; -webkit-box-shadow:4px 4px  
4px 4px #635656; box-shadow:4px 4px 4px  
4px #635656 }
```

Background

The CSS property to change the background color of an element to Hex 635656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635656 }
```

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

```
.background{ background-color:#635656 }
```

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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