

Converting Colors

Hex(656567)

Have a look what the booklet for
Hex(656567) contains.

Hex(656567)	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(656567)

Conversions

Conversions Part 1

Format	Color
Hex	656567
RGB	101, 101, 103
RGB Percent	40%, 40%, 40%
CMY	0.6039, 0.6039, 0.5961
CMYK	0.02, 0.02, 0.00, 0.60
HSL	240°, 1%, 40%
HSV	240°, 2%, 40%
XYZ	12.4687, 13.0533, 14.6943
YIQ	101.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

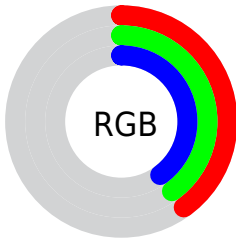
Format	Color
R_{YB}	101, 101, 103
Decimal	6645095
CIE _{Lab}	42.84, 0.42, -1.13
CIE _{LCh}	43, 1.209, 290.386
Yxy	13.0533, 0.3100, 0.3246
Android (android.graphics.Color)	4284835175 (0xFF656567)
YUV	101.2280, 0.8736, -0.2000
Hunter-Lab	36.1294, -1.6240, 1.1765

Details

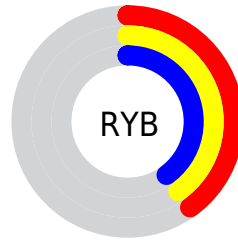
The Hex color **656567** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676765**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **98989A**, and **363638** is the 20% darker color. If you saturate the color by 10%, you get **5B5B67**, and if you desaturate by 10%, it is **6F6F67**.

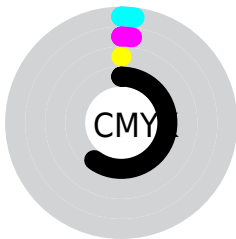
Distribution



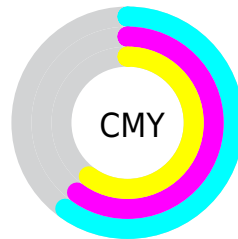
- Red (40%)
- Green (40%)
- Blue (40%)



- Red (40%)
- Yellow (40%)
- Blue (40%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (60%)



- Cyan (60%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 656567 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 656567 by changing the saturation by 10% instead.

656567

656567

FFFFFF

4D4D4F

98989A

363638

B3B3B5

212123

CECED0

0A0A0D

EAEAED

000000

656567

656567

5B5B67

6F6F67

505067

7A7A67

464667

848467

■ 3C3C67

■ 8E8E67

■ 313167

■ 999967

■ 272767

■ A3A367

■ 1D1D67

■ ADAD67

■ 131367

■ B7B767

■ 080867

■ C2C267

Harmonies

Analogous

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



646567



656567



666566

Triad

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



656567



676564



636665

Complementary

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



656567



676765

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.



646664



656567



666563

Square

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



656567



676564



656563



636666

Rectangle

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



656567



676566



656563



636664

Sweetspot

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



656567



868687



656767



444445



C4C4C4



454545

Same Dimension

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



656567



848487



666567



323233



000073



0000F2

Inverse Universe

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



676567



878487



666765



333233



730073



F200F2

Previews

White Background



This preview shows how the Hex color 656567 looks on a white background.

Color Contrast Check

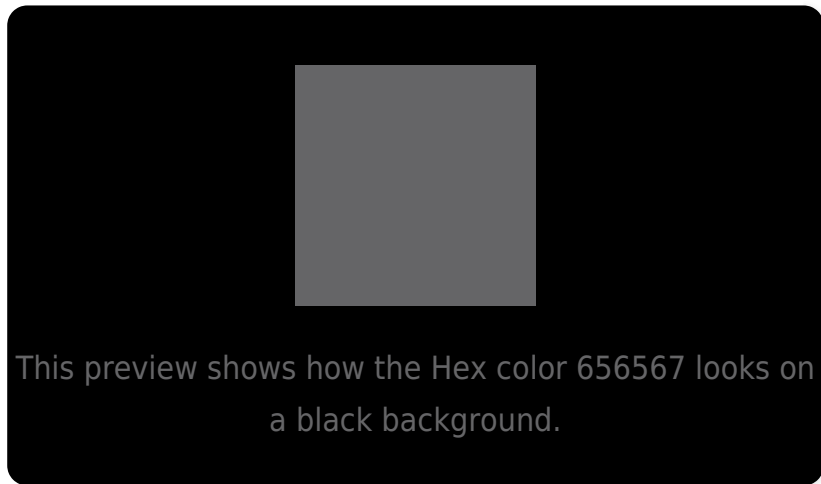
Large Text (above 18pt) WCAG AA ✓ Pass

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

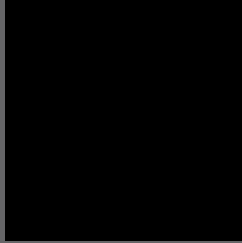
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

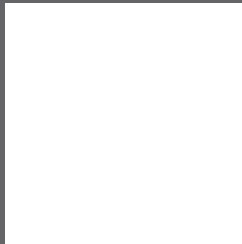
Any Text WCAG AAA × Fail

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

Hex 656567 Background



This preview shows how black text looks on a background with the Hex color 656567.



This preview shows how white text looks on a background with the Hex color 656567.

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
656567

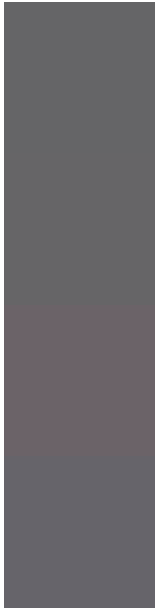
Protanopia
666567

Deuteranopia
6E6268



Tritanopia
66646C

Trichromacy



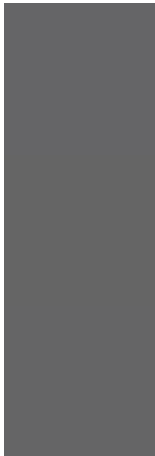
Original Color
656567

Protanomaly
666567

Deuteranomaly
6B6368

Tritanomaly
66646A

Monochromacy



Original Color
656567

Achromatopsia
656565

Achromatomaly
656566

CSS Examples

Text

The CSS property to change the color of the text to Hex 656567 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 #656567 looks like.

```
.text, #text, p{  
    color:#656567  
}
```

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 #656567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656567
}
```

Border

The CSS property to change the border of an element to Hex 656567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

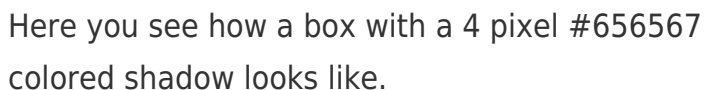
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#656567 }
```

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

```
.border{ border-color:#656567 }
```

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



Here you see how a box with a 4 pixel #656567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656567; -webkit-box-shadow:4px 4px  
4px 4px #656567; box-shadow:4px 4px 4px  
4px #656567 }
```

Background

The CSS property to change the background color of an element to Hex 656567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656567 }
```

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

```
.background{ background-color:#656567 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor