

Converting Colors

Hex(657177)

Have a look what the booklet for
Hex(657177) contains.

Hex(657177)	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(657177)

Conversions

Conversions Part 1

Format	Color
Hex	657177
RGB	101, 113, 119
RGB Percent	40%, 44%, 47%
CMY	0.6039, 0.5569, 0.5333
CMYK	0.15, 0.05, 0.00, 0.53
HSL	200°, 8%, 43%
HSV	200°, 15%, 47%
XYZ	14.6017, 15.9089, 19.7539
YIQ	110.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

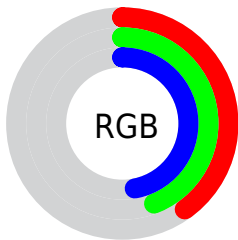
Format	Color
R_{YB}	101, 108, 119
Decimal	6648183
CIE _{Lab}	46.85, -3.14, -4.85
CIE _{LCh}	47, 5.777, 237.111
Yxy	15.9089, 0.2905, 0.3165
Android (android.graphics.Color)	4284838263 (0xFF657177)
YUV	110.0960, 4.3897, -7.9772
Hunter-Lab	39.8859, -4.4538, -1.4438

Details

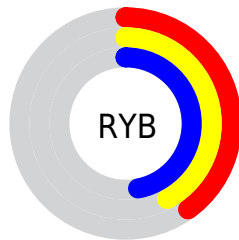
The Hex color **657177** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **776B65**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **98A5AB**, and **364147** is the 20% darker color. If you saturate the color by 10%, you get **596D77**, and if you desaturate by 10%, it is **717577**.

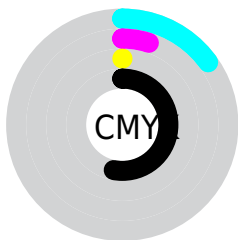
Distribution



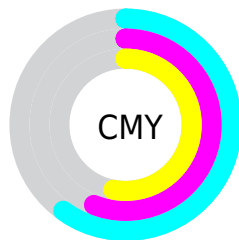
- Red (40%)
- Green (44%)
- Blue (47%)



- Red (40%)
- Yellow (42%)
- Blue (47%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (53%)



- Cyan (60%)
- Magenta (56%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 657177 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 657177 by changing the saturation by 10% instead.

■ 657177

■ 657177

FFFFFF

■ 4D595E

■ 98A5AB

■ 364147

■ B3C0C6

■ 202B30

■ CEDCE2

■ 0B171B

■ EBF8FF

■ 000000

■ 657177

■ 657177

■ 596D77

■ 717577

■ 4D6977

■ 7D7977

■ 416577

■ 897D77

■ 356177

■ 958177

■ 295D77

■ A18577

■ 1E5977

■ AC8977

■ 125577

■ B88D77

■ 065177

■ C49177

■ 004F77

■ D09577

Harmonies

Analogous

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



637273



657177



6A7079

Triad

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



657177



796C70



6E7066

Complementary

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



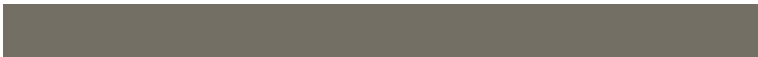
657177



776B65

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.



746F65



657177



7A6C6B

Square

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



657177



756D74



786D67



69716A

Rectangle

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



657177



6E6F78



786D67



707066

Sweetspot

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



657177



94999C



65776B



4A4D4F



CFCFCF



4F4F4F

Same Dimension

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



657177



80929C



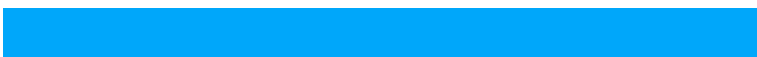
656877



35393B



00527A



00A7FA

Inverse Universe

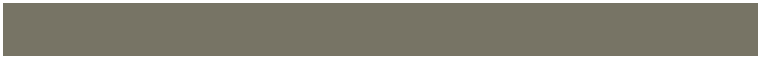
The Inverse Universe completely reimagines the original color for something new.



776571



9C8092



777465



3B3539



7A0052



FA00A7

Previews

White Background



This preview shows how the Hex color 657177 looks on a white background.

Color Contrast Check

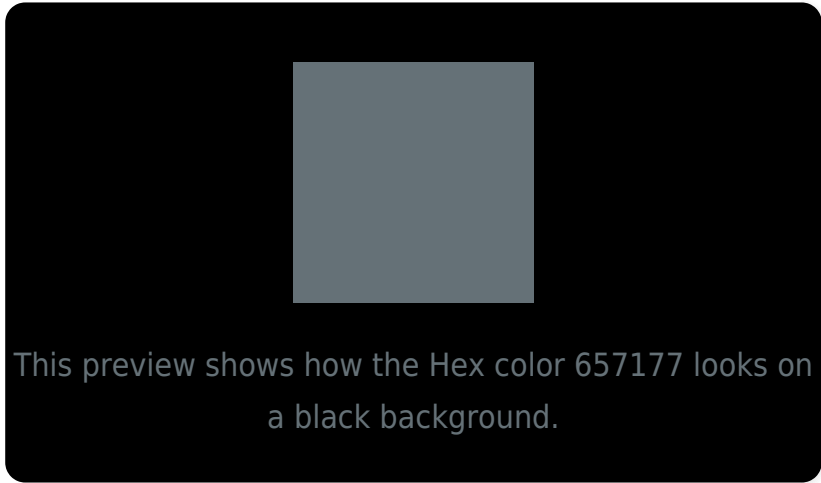
Large Text (above 18pt) WCAG AA ✓ Pass

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

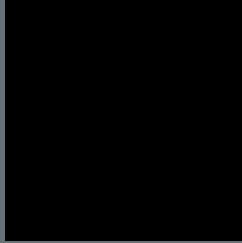
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

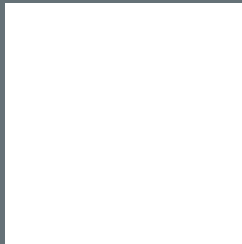
Any Text WCAG AAA × Fail

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

Hex 657177 Background



This preview shows how black text looks on a background with the Hex color 657177.



This preview shows how white text looks on a background with the Hex color 657177.

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
657177

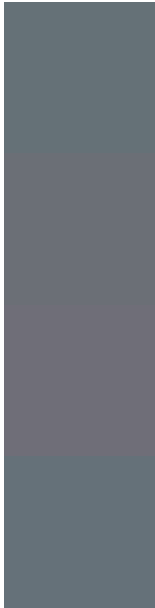
Protanopia
6F6E75

Deuteranopia
756C78



Tritanopia
65717A

Trichromacy



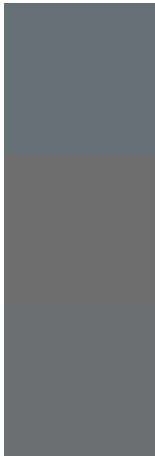
Original Color
657177

Protanomaly
6B6F76

Deuteranomaly
6F6E78

Tritanomaly
657179

Monochromacy



Original Color
657177

Achromatopsia
6E6E6E

Achromatomaly
6B6F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 657177 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 #657177 looks like.

```
.text, #text, p{  
    color:#657177  
}
```

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 #657177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #657177
}
```

Border

The CSS property to change the border of an element to Hex 657177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

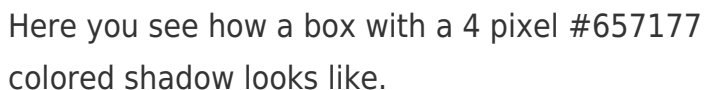
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#657177 }
```

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

```
.border{ border-color:#657177 }
```

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



Here you see how a box with a 4 pixel #657177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #657177; -webkit-box-shadow:4px 4px  
4px 4px #657177; box-shadow:4px 4px 4px  
4px #657177 }
```

Background

The CSS property to change the background color of an element to Hex 657177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#657177 }
```

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

```
.background{ background-color:#657177 }
```

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