

Converting Colors

Hex(457677)

Have a look what the booklet for
Hex(457677) contains.

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Color

Hex(457677)

Conversions

Conversions Part 1

Format	Color
Hex	457677
RGB	69, 118, 119
RGB Percent	27%, 46%, 47%
CMY	0.7294, 0.5373, 0.5333
CMYK	0.42, 0.01, 0.00, 0.53
HSL	181°, 27%, 37%
HSV	181°, 42%, 47%
XYZ	12.2625, 15.5540, 19.8087
YIQ	103.4630, -29.5250, -10.0770

Conversions

Conversions Part 2

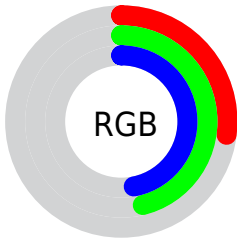
Format	Color
RYB	69, 94, 119
Decimal	4552311
CIELab	46.38, -16.25, -5.77
CIELCh	46, 17.241, 199.544
Yxy	15.5540, 0.2575, 0.3266
Android (android.graphics.Color)	4282742391 (0xFF457677)
YUV	103.4630, 7.6597, -30.2241
Hunter-Lab	39.4385, -13.5172, -2.1724

Details

The Hex color **457677** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **774645**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **78AAAB**, and **104547** is the 20% darker color. If you saturate the color by 10%, you get **397677**, and if you desaturate by 10%, it is **517677**.

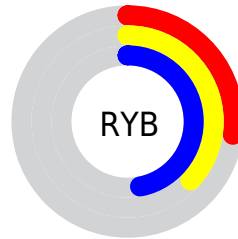
Distribution



Red (27%)

Green (46%)

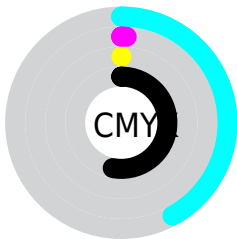
Blue (47%)



Red (27%)

Yellow (37%)

Blue (47%)

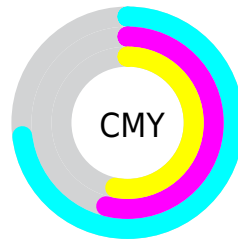


Cyan (42%)

Magenta (1%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457677 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 457677 by changing the saturation by 10% instead.

■ 457677

■ 457677

FFFFFF

■ 2C5D5E

■ 78AAAB

■ 104547

■ 93C6C6

■ 002F30

■ AEE2E2

■ 001B1B

■ CAFEFF

■ 000000

■ E7FFFF

■ 457677

■ 457677

■ 397677

■ 517677

■ 2D7677

■ 5D7677

■ 217577

■ 697777

■ 157577

■ 757777

■ 097577

■ 807777

■ 007577

■ 8C7777

■ 987877

■ A47877

■ B07877

Harmonies

Analogous

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



4F7668



457677



477483

Triad

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



457677



7C6781



7D6B52

Complementary

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



457677



774645

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.



886759



457677



886474

Square

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



457677



6A6C89



8C6465



6F7053

Rectangle

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



457677



507289



8C6465



816A53

Sweetspot

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



457677



879B9C



457746



424F4F



CFCFCF



4F4F4F

Same Dimension

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



457677



4E9A9C



455D77



353B3B



00787A



00F5FA

Inverse Universe

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



774576



9C4E9A



775F45



3B353B



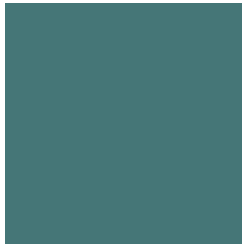
7A0078



FA00F5

Previews

White Background



This preview shows how the Hex color 457677 looks on a white background.

Color Contrast Check

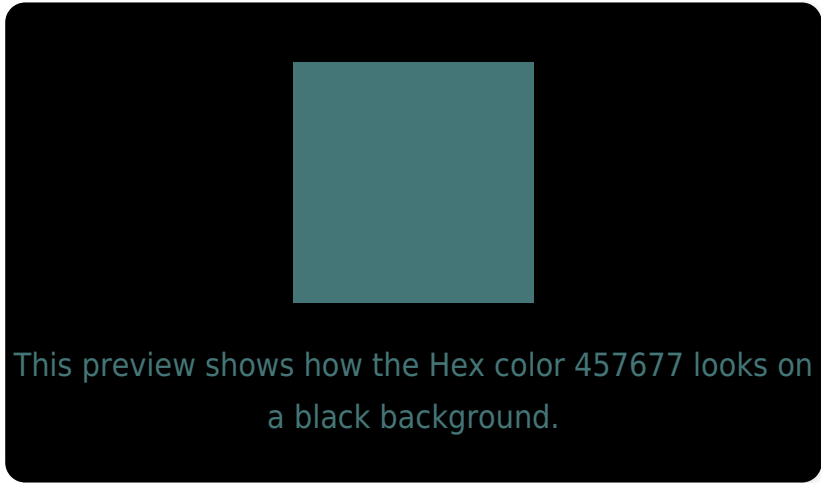
Large Text (above 18pt) WCAG AA ✓ Pass

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

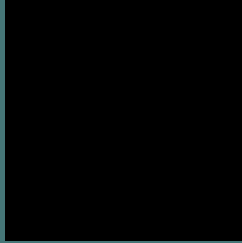
Any Text WCAG AA × Fail

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 457677 Background



This preview shows how black text looks on a background with the Hex color 457677.

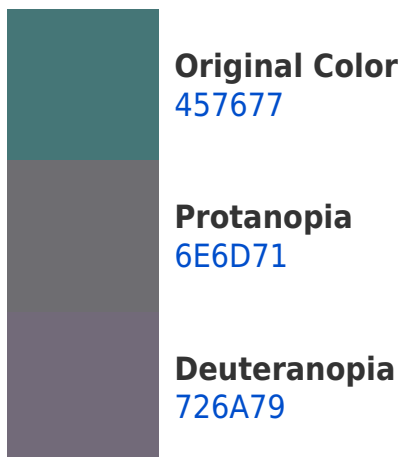


This preview shows how white text looks on a background with the Hex color 457677.

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](#).

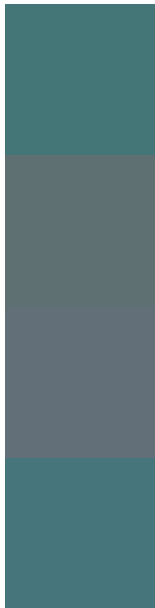
Dichromacy





Tritanopia
47757E

Trichromacy



Original Color
457677

Protanomaly
5F7073

Deuteranomaly
626E78

Tritanomaly
46757B

Monochromacy



Original Color
457677

Achromatopsia
676767

Achromatomaly
5B6C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 457677 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 #457677 looks like.

```
.text, #text, p{  
    color:#457677  
}
```

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 #457677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457677
}
```

Border

The CSS property to change the border of an element to Hex 457677 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
#457677 }
```

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

```
.border{ border-color:#457677 }
```

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

Here you see how a box with a 4 pixel #457677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457677; -webkit-box-shadow:4px 4px  
4px 4px #457677; box-shadow:4px 4px 4px  
4px #457677 }
```

Background

The CSS property to change the background color of an element to Hex 457677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457677 }
```

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

```
.background{ background-color:#457677 }
```

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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