

Converting Colors

Hex(457679)

Have a look what the booklet for
Hex(457679) contains.

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Color

Hex(457679)

Conversions

Conversions Part 1

Format	Color
Hex	457679
RGB	69, 118, 121
RGB Percent	27%, 46%, 47%
CMY	0.7294, 0.5373, 0.5255
CMYK	0.43, 0.02, 0.00, 0.53
HSL	183°, 27%, 37%
HSV	183°, 43%, 47%
XYZ	12.3839, 15.6026, 20.4481
YIQ	103.6910, -30.1670, -9.4550

Conversions

Conversions Part 2

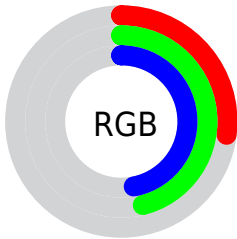
Format	Color
RYB	69, 94, 121
Decimal	4552313
CIELab	46.45, -15.70, -6.86
CIElCh	46, 17.130, 203.614
Yxy	15.6026, 0.2557, 0.3221
Android (android.graphics.Color)	4282742393 (0xFF457679)
YUV	103.6910, 8.5333, -30.4240
Hunter-Lab	39.5001, -13.1627, -3.0427

Details

The Hex color **457679** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **794845**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **78AAAD**, and **104549** is the 20% darker color. If you saturate the color by 10%, you get **397579**, and if you desaturate by 10%, it is **517779**.

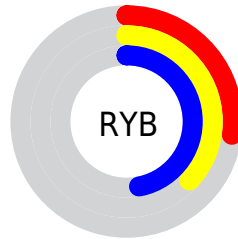
Distribution



Red (27%)

Green (46%)

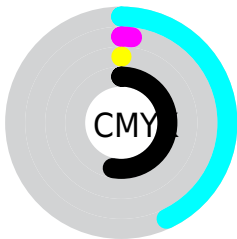
Blue (47%)



Red (27%)

Yellow (37%)

Blue (47%)

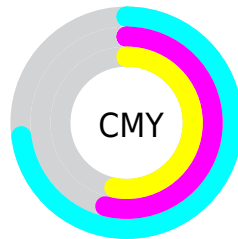


Cyan (43%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (73%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457679 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 457679 by changing the saturation by 10% instead.

■ 457679

■ 457679

FFFFFF

■ 2C5D60

■ 78AAAD

■ 104549

■ 93C6C9

■ 002F32

■ AEE2E5

■ 001B1D

■ CAFEFF

■ 000002

■ E7FFFF

■ 000000

■ 457679

■ 457679

■ 397579

■ 517779

■ 2D7579

■ 5D7779

■ 217479

■ 697879

■ 157379

■ 757979

■ 087379

■ 817979

■ 007279

■ 8E7A79

■ 9A7B79

■ A67C79

■ B27C79

Harmonies

Analogous

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



4D766A



457679



497485

Triad

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



457679



7E677F



7C6C52

Complementary

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



457679



794845

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.



876757



457679



896472

Square

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



457679



6C6B88



8C6463



6D7154

Rectangle

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



457679



537289



8C6463



806A53

Sweetspot

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



457679



8A9D9E



457948



424E4F



CFCFCF



4F4F4F

Same Dimension

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



457679



4C999E



455C79



373D3D



00767D



00EEFC

Inverse Universe

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



794576



9E4C99



796245



3D373D



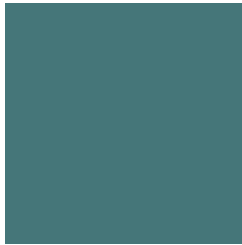
7D0076



FC00EE

Previews

White Background



This preview shows how the Hex color 457679 looks on a white background.

Color Contrast Check

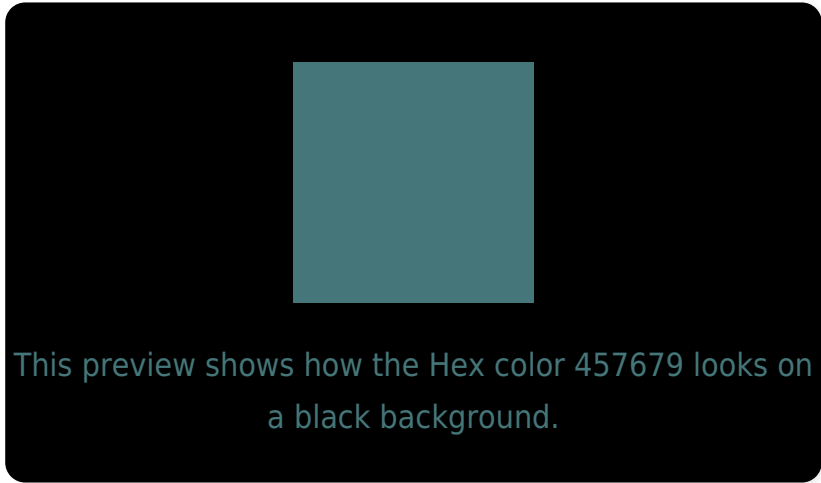
Large Text (above 18pt) WCAG AA ✓ Pass

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

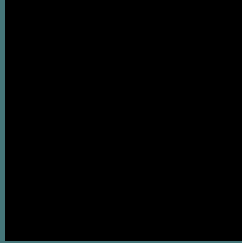
Any Text WCAG AA × Fail

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 457679 Background



This preview shows how black text looks on a background with the Hex color 457679.



This preview shows how white text looks on a background with the Hex color 457679.

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
457679

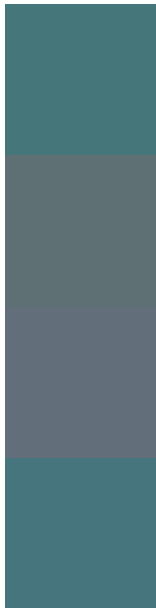
Protanopia
6E6D73

Deuteranopia
726B7B



Tritanopia
47757F

Trichromacy



Original Color
457679

Protanomaly
5F7075

Deuteranomaly
626F7A

Tritanomaly
46757D

Monochromacy



Original Color
457679

Achromatopsia
686868

Achromatomaly
5B6D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 457679 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 #457679 looks like.

```
.text, #text, p{  
  color:#457679  
}
```

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 #457679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457679
}
```

Border

The CSS property to change the border of an element to Hex 457679 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
#457679 }
```

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

```
.border{ border-color:#457679 }
```

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

Here you see how a box with a 4 pixel #457679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457679; -webkit-box-shadow:4px 4px  
4px 4px #457679; box-shadow:4px 4px 4px  
4px #457679 }
```

Background

The CSS property to change the background color of an element to Hex 457679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457679 }
```

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

```
.background{ background-color:#457679 }
```

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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