

Converting Colors

Hex(4C577E)

Have a look what the booklet for
Hex(4C577E) contains.

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Color

Hex(4C577E)

Conversions

Conversions Part 1

Format	Color
Hex	4C577E
RGB	76, 87, 126
RGB Percent	30%, 34%, 49%
CMY	0.7020, 0.6588, 0.5059
CMYK	0.40, 0.31, 0.00, 0.51
HSL	227°, 25%, 40%
HSV	227°, 40%, 49%
XYZ	10.1546, 9.8592, 21.1065
YIQ	88.1570, -19.0750, 9.7970

Conversions

Conversions Part 2

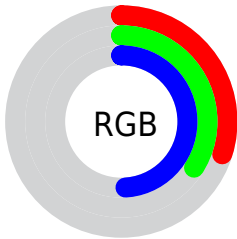
Format	Color
R_{YB}	76, 85, 126
Decimal	5003134
CIE Lab	37.59, 6.27, -23.35
CIE LCh	38, 24.181, 285.022
Yxy	9.8592, 0.2469, 0.2398
Android (android.graphics.Color)	4283193214 (0xFF4C577E)
YUV	88.1570, 18.6566, -10.6617
Hunter-Lab	31.3994, 2.7779, -17.8747

Details

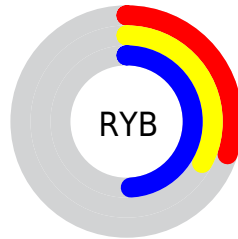
The Hex color **4C577E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E734C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7F89B3**, and **1B2A4D** is the 20% darker color. If you saturate the color by 10%, you get **3F4D7E**, and if you desaturate by 10%, it is **59617E**.

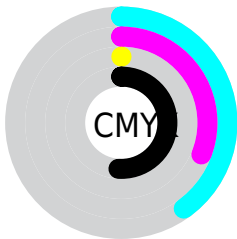
Distribution



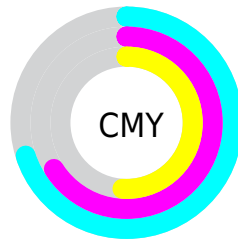
- Red (30%)
- Green (34%)
- Blue (49%)



- Red (30%)
- Yellow (33%)
- Blue (49%)



- Cyan (40%)
- Magenta (31%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C577E 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 4C577E by changing the saturation by 10% instead.

■ 4C577E

■ 4C577E

FFFFFF

■ 344065

■ 7F89B3

■ 1B2A4D

■ 99A3CE

■ 011636

■ B4BEEB

■ 000220

■ D0DAFF

■ 000005

■ EDF6FF

■ 000000

■ 4C577E

■ 4C577E

■ 3F4D7E

■ 59617E

■ 33437E

■ 656B7E

■ 263A7E

■ 72747E

■ 1A307E

■ 7E7E7E

■ 0D267E

■ 8B887E

■ 001C7E

■ 98927E

■ A49C7E

■ B1A67E

■ BDAF7E

Harmonies

Analogous

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



2A5D7E



4C577E



675074

Triad

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



4C577E



7A4D3E



2C624E

Complementary

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



4C577E



7E734C

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.



465F3C



4C577E



6E5433

Square

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



4C577E



7F494F



5B5A32



0C6362

Rectangle

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



4C577E



744C69



5B5A32



356147

Sweetspot

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



4C577E



9094A3



4C7E72



464952



D1D1D1



525252

Same Dimension

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



4C577E



5566A3



594C7E



393B40



001C80



000000

Inverse Universe

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



7E4C57



A35566



717E4C



40393B



80001C



000000

Previews

White Background



This preview shows how the Hex color 4C577E looks on a white background.

Color Contrast Check

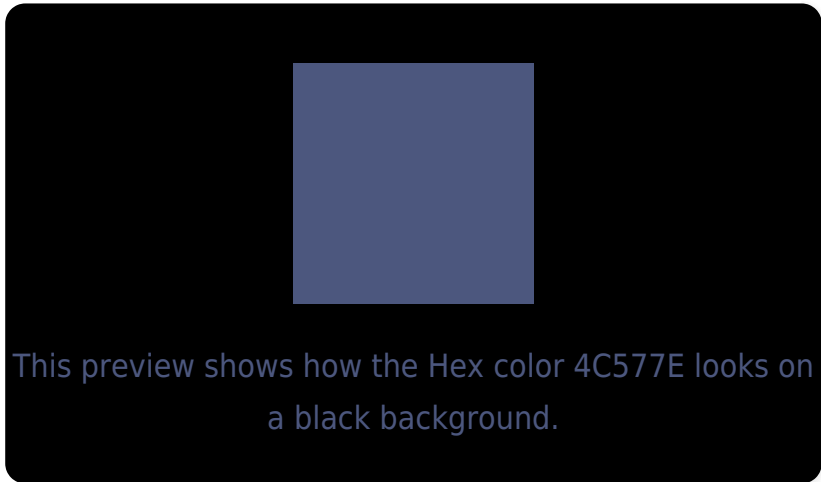
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

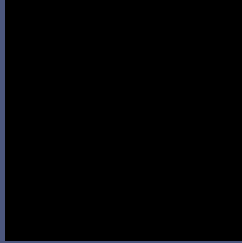
Any Text WCAG AA × Fail

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 4C577E Background



This preview shows how black text looks on a background with the Hex color 4C577E.



This preview shows how white text looks on a background with the Hex color 4C577E.

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
4C577E

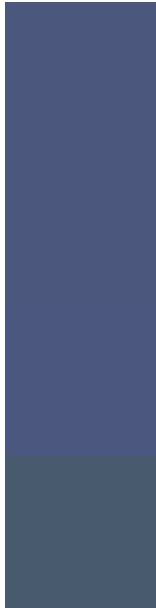
Protanopia
4C577E

Deuteranopia
4A577E



Tritanopia
455C64

Trichromacy



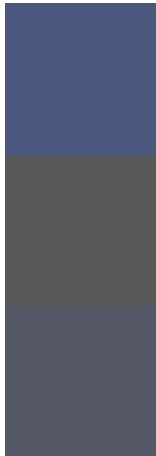
Original Color
4C577E

Protanomaly
4C577E

Deuteranomaly
4B577E

Tritanomaly
485A6D

Monochromacy



Original Color
4C577E

Achromatopsia
585858

Achromatomaly
545866

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C577E 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 #4C577E looks like.

```
.text, #text, p{  
    color:#4C577E  
}
```

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 #4C577E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C577E
}
```

Border

The CSS property to change the border of an element to Hex 4C577E 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
#4C577E }
```

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

```
.border{ border-color:#4C577E }
```

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

Here you see how a box with a 4 pixel #4C577E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C577E; -webkit-box-shadow:4px 4px  
4px 4px #4C577E; box-shadow:4px 4px 4px  
4px #4C577E }
```

Background

The CSS property to change the background color of an element to Hex 4C577E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C577E }
```

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

```
.background{ background-color:#4C577E }
```

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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