

Converting Colors

Hex(4C587D)

Have a look what the booklet for
Hex(4C587D) contains.

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Color

Hex(4C587D)

Conversions

Conversions Part 1

Format	Color
Hex	4C587D
RGB	76, 88, 125
RGB Percent	30%, 35%, 49%
CMY	0.7020, 0.6549, 0.5098
CMYK	0.39, 0.30, 0.00, 0.51
HSL	225°, 24%, 39%
HSV	225°, 39%, 49%
XYZ	10.1719, 9.9966, 20.7955
YIQ	88.6300, -19.0290, 8.9630

Conversions

Conversions Part 2

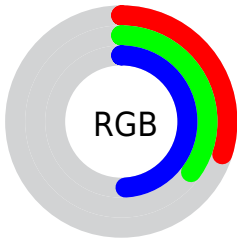
Format	Color
R_{YB}	76, 86, 125
Decimal	5003389
CIE Lab	37.84, 5.33, -22.36
CIE LCh	38, 22.983, 283.420
Yxy	9.9966, 0.2483, 0.2440
Android (android.graphics.Color)	4283193469 (0xFF4C587D)
YUV	88.6300, 17.9304, -11.0765
Hunter-Lab	31.6174, 2.0961, -16.8641

Details

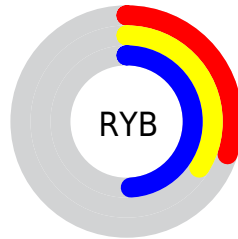
The Hex color **4C587D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7D714C**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7F8AB2**, and **1C2B4C** is the 20% darker color. If you saturate the color by 10%, you get **404F7D**, and if you desaturate by 10%, it is **59617D**.

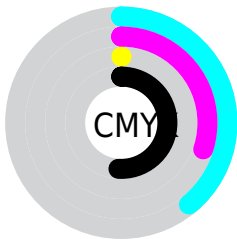
Distribution



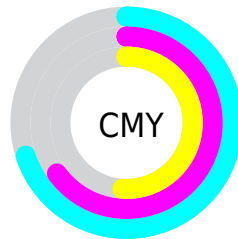
- Red (30%)
- Green (35%)
- Blue (49%)



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



- Cyan (39%)
- Magenta (30%)
- Yellow (0%)
- Black (51%)



- Cyan (70%)
- Magenta (65%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C587D 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 4C587D by changing the saturation by 10% instead.

■ 4C587D

■ 4C587D

FFFFFF

■ 344164

■ 7F8AB2

■ 1C2B4C

■ 99A4CD

■ 011735

■ B4BFEA

■ 000220

■ D0DBFF

■ 000003

■ EDF7FF

■ 000000

■ 4C587D

■ 4C587D

■ 404F7D

■ 59617D

■ 33457D

■ 656B7D

■ 273C7D

■ 72747D

■ 1A327D

■ 7E7E7D

■ 0E297D

■ 8B877D

■ 011F7D

■ 97917D

■ 001F7D

■ A49A7D

■ B0A47D

■ BCAD7D

Harmonies

Analogous

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



2D5E7C



4C587D



665174

Triad

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



4C587D



7A4E40



31624E

Complementary

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



4C587D



7D714C

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.



485F3D



4C587D



6E5436

Square

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



4C587D



7D4B51



5D5B34



186361

Rectangle

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



4C587D



724D6A



5D5B34



396248

Sweetspot

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



4C587D



9094A3



4C7D71



464952



D1D1D1



525252

Same Dimension

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



4C587D



5669A3



584C7D



393B40



001F80



000000

Inverse Universe

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



7D4C58



A35669



717D4C



40393B



80001F



000000

Previews

White Background



This preview shows how the Hex color 4C587D looks on a white background.

Color Contrast Check

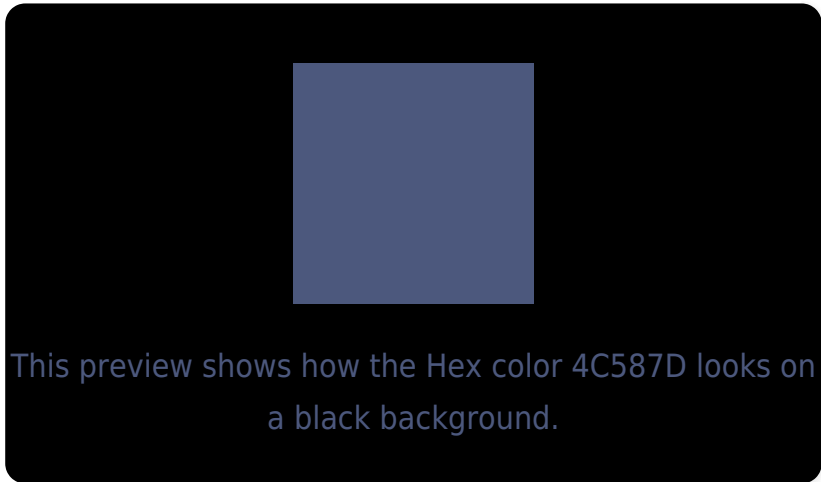
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

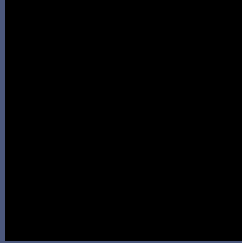
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

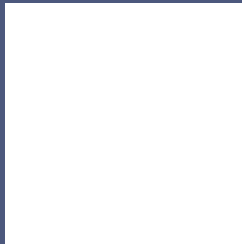
Any Text WCAG AAA × Fail

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

Hex 4C587D Background



This preview shows how black text looks on a background with the Hex color 4C587D.

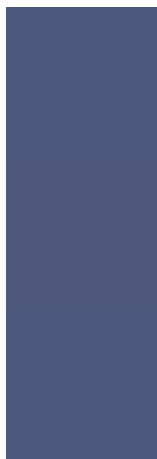


This preview shows how white text looks on a background with the Hex color 4C587D.

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


4C587D

Protanopia

4E587D

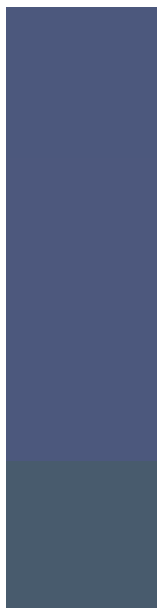
Deuteranopia

4C587D



Tritanopia
465D64

Trichromacy



Original Color

4C587D

Protanomaly

4D587D

Deuteranomaly

4C587D

Tritanomaly

485B6D

Monochromacy



Original Color

4C587D

Achromatopsia

595959

Achromatomaly

545966

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C587D 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 #4C587D looks like.

```
.text, #text, p{  
    color:#4C587D  
}
```

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 #4C587D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C587D  
}
```

Border

The CSS property to change the border of an element to Hex 4C587D 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  
#4C587D }
```

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

```
.border{ border-color:#4C587D }
```

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

Here you see how a box with a 4 pixel #4C587D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C587D; -webkit-box-shadow:4px 4px  
4px 4px #4C587D; box-shadow:4px 4px 4px  
4px #4C587D }
```

Background

The CSS property to change the background color of an element to Hex 4C587D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C587D }
```

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

```
.background{ background-color:#4C587D }
```

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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