

# Converting Colors

Hex(6C578F)

Have a look what the booklet for  
Hex(6C578F) contains.

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# Color

**Hex(6C578F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C578F
RGB	108, 87, 143
RGB Percent	42%, 34%, 56%
CMY	0.5765, 0.6588, 0.4392
CMYK	0.24, 0.39, 0.00, 0.44
HSL	262°, 24%, 45%
HSV	262°, 39%, 56%
XYZ	14.5505, 11.9877, 27.5336
YIQ	99.6630, -5.4600, 21.8680

# Conversions

## Conversions Part 2

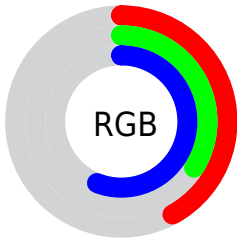
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 87, 143
Decimal	7100303
CIE <sub>Lab</sub>	41.20, 20.94, -27.86
CIE <sub>LCh</sub>	41, 34.849, 306.928
Yxy	11.9877, 0.2691, 0.2217
Android (android.graphics.Color)	4285290383 (0xFF6C578F)
YUV	99.6630, 21.3651, 7.3115
Hunter-Lab	34.6233, 14.4241, -22.9131

# Details

The Hex color **6C578F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7A8F57**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A189C5**, and **3B295C** is the 20% darker color. If you saturate the color by 10%, you get **63498F**, and if you desaturate by 10%, it is **75658F**.

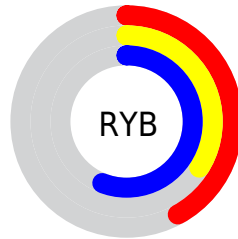
# Distribution



Red (42%)

Green (34%)

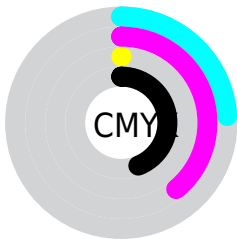
Blue (56%)



Red (42%)

Yellow (34%)

Blue (56%)

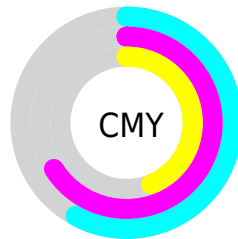


Cyan (24%)

Magenta (39%)

Yellow (0%)

Black (44%)



Cyan (58%)

Magenta (66%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C578F 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 6C578F by changing the saturation by 10% instead.



6C578F

6C578F

FFFFFF

534075

A189C5

3B295C

BCA3E1

231444

D8BFFE

11002E

F5DAFF

000118

FFF7FF

000000

6C578F

6C578F

63498F

75658F

5A3A8F

7E748F

■ 512C8F

■ 87828F

■ 481E8F

■ 90908F

■ 3F108F

■ 999F8F

■ 36018F

■ A2AD8F

■ 36008F

■ ABBB8F

■ B3C98F

■ BCD88F

# Harmonies

## Analogous

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



3B629A



6C578F



8A4D78

# Triad

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



6C578F



84582C



007067

# Complementary

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



6C578F



7A8F57

# 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.



236E4A



6C578F



6C6226

# Square

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



6C578F



934E40



4D6932



006F83

# Rectangle

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



6C578F



944965



4D6932



006F5D



# Sweetspot

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



6C578F



ACA4BA



577A8F



56515E



DEDEDE



5E5E5E



# Same Dimension

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



6C578F



8363BA



88578F



434047



330087



030008



# Inverse Universe

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



8F577A



BA6399



5E8F57



474045



870054

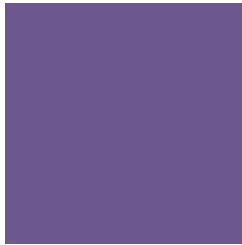


080005



# Previews

## White Background



This preview shows how the Hex color 6C578F looks on a white background.

## Color Contrast Check

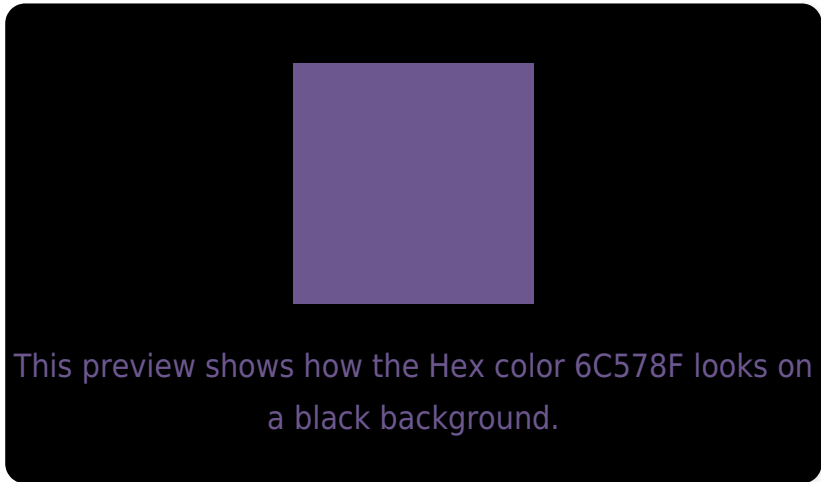
Large Text (above 18pt) WCAG AA ✓ Pass

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

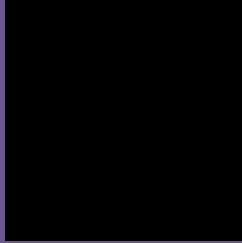
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C578F Background



This preview shows how black text looks on a background with the Hex color 6C578F.



This preview shows how white text looks on a background with the Hex color 6C578F.

# 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**  
6C578F

**Protanopia**  
4E5F96

**Deuteranopia**  
50608D



**Tritanopia**  
655F67

# Trichromacy



**Original Color**  
6C578F

**Protanomaly**  
595C93

**Deuteranomaly**  
5A5D8E

**Tritanomaly**  
685C76

# Monochromacy



**Original Color**  
6C578F

**Achromatopsia**  
646464

**Achromatomaly**  
675F74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C578F 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 #6C578F looks like.

```
.text, #text, p{  
    color:#6C578F  
}
```

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 #6C578F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C578F
}
```

## Border

The CSS property to change the border of an element to Hex 6C578F is called "border". The border property can be set on classes, ids or directly on the HTML element.

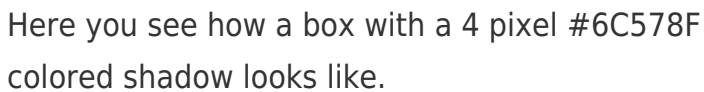
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C578F }
```

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

```
.border{ border-color:#6C578F }
```

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



Here you see how a box with a 4 pixel #6C578F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C578F; -webkit-box-shadow:4px 4px  
4px 4px #6C578F; box-shadow:4px 4px 4px  
4px #6C578F }
```

# Background

The CSS property to change the background color of an element to Hex 6C578F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C578F }
```

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

```
.background{ background-color:#6C578F }
```

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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