

# Converting Colors

Hex(568079)

Have a look what the booklet for  
Hex(568079) contains.

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**Color**

**Hex(568079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	568079
RGB	86, 128, 121
RGB Percent	34%, 50%, 47%
CMY	0.6627, 0.4980, 0.5255
CMYK	0.33, 0.00, 0.05, 0.50
HSL	170°, 20%, 42%
HSV	170°, 33%, 50%
XYZ	15.0081, 18.7973, 20.9264
YIQ	114.6440, -22.7850, -11.0810

# Conversions

## Conversions Part 2

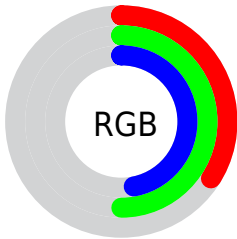
Format	Color
R <sub>Y</sub> B	86, 109, 128
Decimal	5668985
CIE Lab	50.45, -16.17, -0.85
CIE LCh	50, 16.191, 183.012
Yxy	18.7973, 0.2742, 0.3434
Android (android.graphics.Color)	4283859065 (0xFF568079)
YUV	114.6440, 3.1335, -25.1208
Hunter-Lab	43.3558, -14.0828, 1.7318

# Details

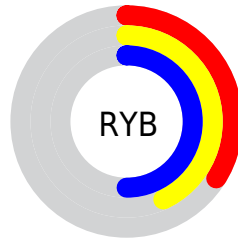
The Hex color **568079** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **80565D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **89B5AD**, and **254F49** is the 20% darker color. If you saturate the color by 10%, you get **498077**, and if you desaturate by 10%, it is **63807B**.

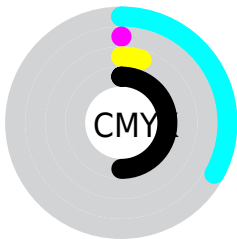
# Distribution



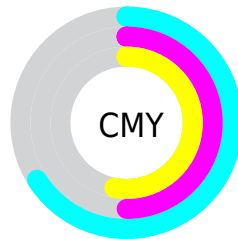
- Red (34%)
- Green (50%)
- Blue (47%)



- Red (34%)
- Yellow (43%)
- Blue (50%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (66%)
- Magenta (50%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 568079 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 568079 by changing the saturation by 10% instead.





568079



568079

FFFFFF



3E6760



89B5AD



254F49



A4D1C9



0C3832



C0EDE5



00221D



DCFFFF



000304



F8FFFF



000000



568079



568079



498077



63807B



3C8075



70807D

■ 308073

■ 7C807F

■ 238070

■ 898082

■ 16806E

■ 968084

■ 09806C

■ A38086

■ 00806B

■ B08088

■ BC808A

■ C9808C

# Harmonies

## Analogous

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



627F6B



568079



527F87

# Triad

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



568079



7C748F



8D7360

# Complementary

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



568079



80565D

# 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.



946F6A



568079



8B7085

# Square

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



568079



6A7993



936E77



81785D

# Rectangle

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



568079



567E8E



936E77



907263



# Sweetspot

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



568079



95A6A3



5D8056



4A5452



D4D4D4



545454



# Same Dimension

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



568079



65A69B



567380



39403F



00806A



000000



# Inverse Universe

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



80565D



A66570



806456



40393A



800015



000000



# Previews

## White Background



This preview shows how the Hex color 568079 looks on a white background.

## Color Contrast Check

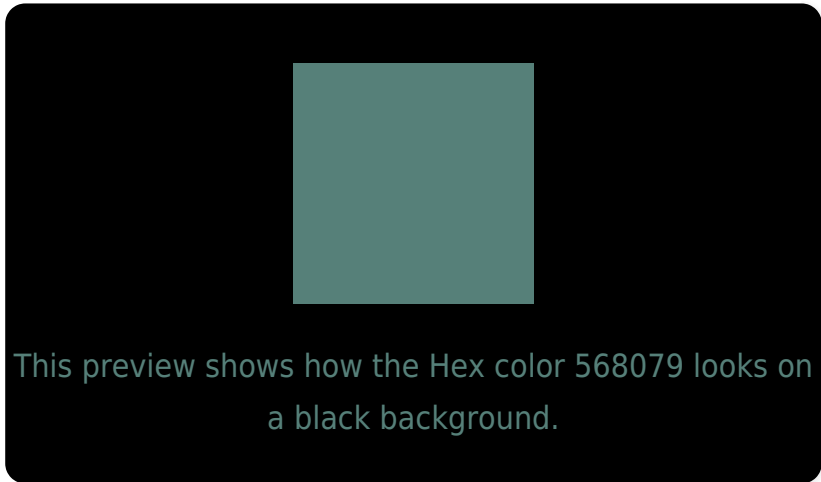
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

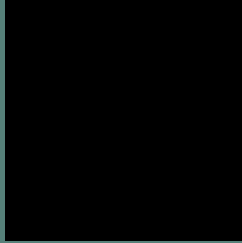
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 568079 Background



This preview shows how black text looks on a background with the Hex color 568079.

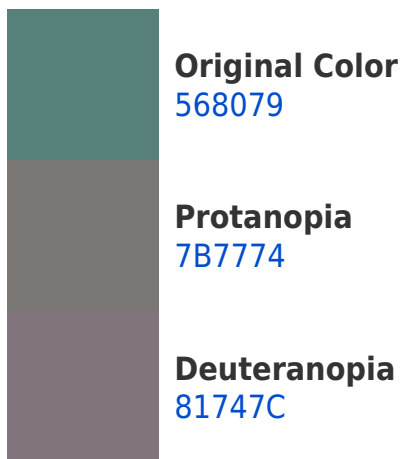


This preview shows how white text looks on a background with the Hex color 568079.

# 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](#).

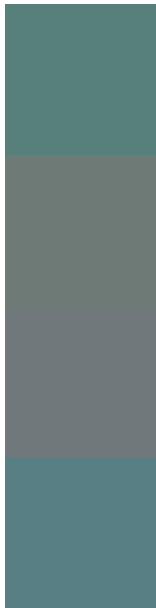
## Dichromacy





**Tritanopia**  
597E88

# Trichromacy



**Original Color**  
568079

**Protanomaly**  
6E7A76

**Deuteranomaly**  
71787B

**Tritanomaly**  
587F83

# Monochromacy



**Original Color**  
568079

**Achromatopsia**  
737373

**Achromatomaly**  
687875

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 568079 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 #568079 looks like.

```
.text, #text, p{  
    color:#568079  
}
```

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 #568079 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568079
}
```

## Border

The CSS property to change the border of an element to Hex 568079 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
#568079 }
```

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

```
.border{ border-color:#568079 }
```

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

Here you see how a box with a 4 pixel #568079 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568079; -webkit-box-shadow:4px 4px  
4px 4px #568079; box-shadow:4px 4px 4px  
4px #568079 }
```

# Background

The CSS property to change the background color of an element to Hex 568079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568079 }
```

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

```
.background{ background-color:#568079 }
```

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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