

# Converting Colors

Hex(609780)

Have a look what the booklet for  
Hex(609780) contains.

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# Color

**Hex(609780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	609780
RGB	96, 151, 128
RGB Percent	38%, 59%, 50%
CMY	0.6235, 0.4078, 0.4980
CMYK	0.36, 0.00, 0.15, 0.41
HSL	155°, 22%, 48%
HSV	155°, 36%, 59%
XYZ	19.7868, 26.1785, 24.4322
YIQ	131.9330, -25.3970, -18.8130

# Conversions

## Conversions Part 2

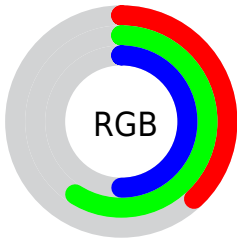
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 131, 151
Decimal	6330240
CIE <sub>Lab</sub>	58.21, -23.52, 6.41
CIE <sub>LCh</sub>	58, 24.377, 164.760
Yxy	26.1785, 0.2811, 0.3719
Android (android.graphics.Color)	4284520320 (0xFF609780)
YUV	131.9330, -1.9390, -31.5132
Hunter-Lab	51.1650, -20.5083, 7.5035

# Details

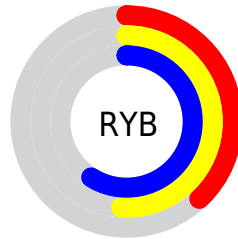
The Hex color **609780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **976077**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **94CDB5**, and **2E644F** is the 20% darker color. If you saturate the color by 10%, you get **51977A**, and if you desaturate by 10%, it is **6F9786**.

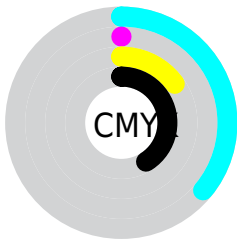
# Distribution



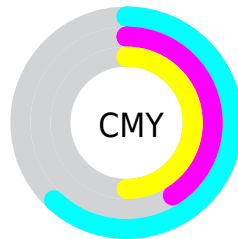
- Red (38%)
- Green (59%)
- Blue (50%)



- Red (38%)
- Yellow (51%)
- Blue (59%)



- Cyan (36%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (62%)
- Magenta (41%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 609780 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 609780 by changing the saturation by 10% instead.



609780

609780

FFFFFF

477D67

94CDB5

2E644F

B0EAD0

134C38

CCFFED

003423

E8FFFF

00200D

000000

609780

609780

51977A

6F9786

429773

7E978D

■ 33976D

■ 8D9793

■ 249767

■ 9C9799

■ 159760

■ AB97A0

■ 05975A

■ BB97A6

■ 009758

■ CA97AC

■ D997B3

■ E897B9

# Harmonies

## Analogous

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



78946D



609780



4D9896

# Triad

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



609780



808AB5



B3806F

# Complementary

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



609780



976077

# 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.



B77C82



609780



9C83AA

# Square

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



609780



6191B5



AF7D98



A58763

# Rectangle

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



609780



4A97A3



AF7D98



B57E75



# Sweetspot

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



609780



AFC4BB



789760



57635E



E3E3E3



636363



# Same Dimension

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



609780



6EC4A0



609397



454D49



008C52



000D07



# Inverse Universe

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



976077



C46E92



976460



4D4548



8C003B



0D0005



# Previews

## White Background



This preview shows how the Hex color 609780 looks on a white background.

## Color Contrast Check

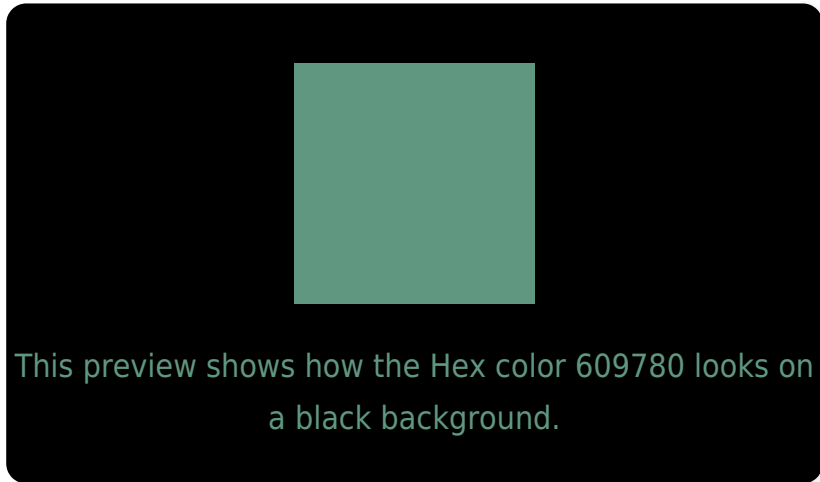
Large Text (above 18pt) WCAG AA ✓ Pass

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

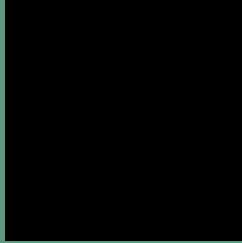
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

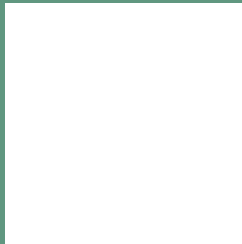
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 609780 Background



This preview shows how black text looks on a background with the Hex color 609780.

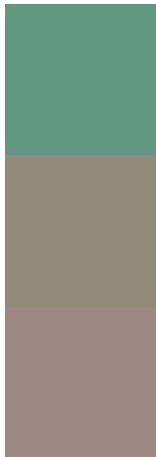


This preview shows how white text looks on a background with the Hex color 609780.

# 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**  
609780

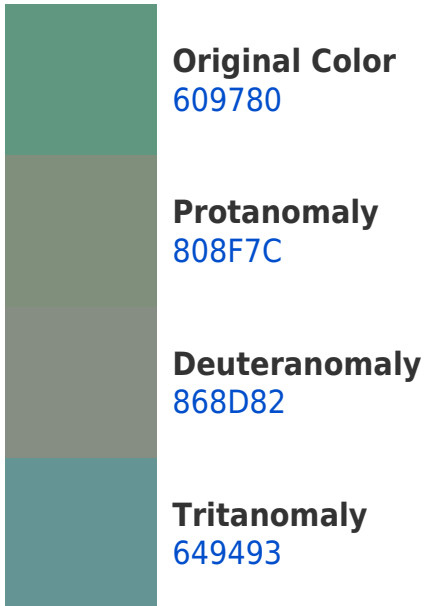
**Protanopia**  
928B7A

**Deuteranopia**  
9C8783

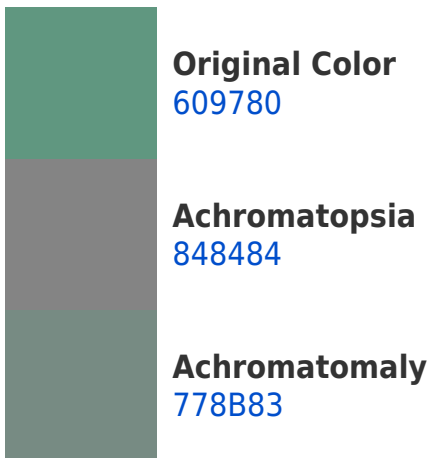


**Tritanopia**  
67939E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 609780 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 #609780 looks like.

```
.text, #text, p{  
    color:#609780  
}
```

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 #609780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #609780
}
```

## Border

The CSS property to change the border of an element to Hex 609780 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
#609780 }
```

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

```
.border{ border-color:#609780 }
```

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

Here you see how a box with a 4 pixel #609780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #609780; -webkit-box-shadow:4px 4px  
4px 4px #609780; box-shadow:4px 4px 4px  
4px #609780 }
```

# Background

The CSS property to change the background color of an element to Hex 609780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#609780 }
```

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

```
.background{ background-color:#609780 }
```

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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