

Converting Colors

Hex(60809E)

Have a look what the booklet for
Hex(60809E) contains.

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Color

Hex(60809E)

Conversions

Conversions Part 1

Format	Color
Hex	60809E
RGB	96, 128, 158
RGB Percent	38%, 50%, 62%
CMY	0.6235, 0.4980, 0.3804
CMYK	0.39, 0.19, 0.00, 0.38
HSL	209°, 24%, 50%
HSV	209°, 39%, 62%
XYZ	18.7146, 20.3938, 35.2978
YIQ	121.8520, -28.7020, 2.5460

Conversions

Conversions Part 2

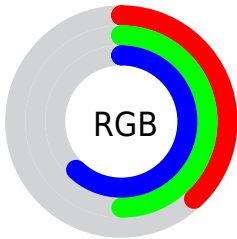
Format	Color
R_{YB}	96, 117, 158
Decimal	6324382
CIE _{Lab}	52.28, -3.43, -19.67
CIE _{LCh}	52, 19.964, 260.119
Yxy	20.3938, 0.2515, 0.2741
Android (android.graphics.Color)	4284514462 (0xFF60809E)
YUV	121.8520, 17.8210, -22.6722
Hunter-Lab	45.1595, -5.0566, -14.7310

Details

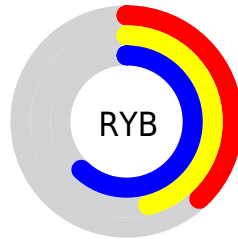
The Hex color **60809E** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **9E7E60**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **95B5D5**, and **2D4F6B** is the 20% darker color. If you saturate the color by 10%, you get **50789E**, and if you desaturate by 10%, it is **70889E**.

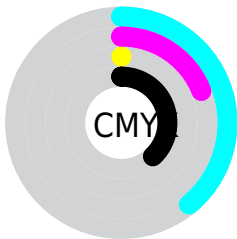
Distribution



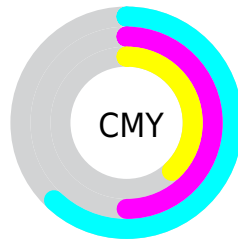
- Red (38%)
- Green (50%)
- Blue (62%)



- Red (38%)
- Yellow (46%)
- Blue (62%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (62%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60809E 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 60809E by changing the saturation by 10% instead.

■ 60809E

■ 60809E

FFFFFF

■ 476784

■ 95B5D5

■ 2D4F6B

■ B0D0F1

■ 123852

■ CCECFF

■ 00233B

■ E9FFFF

■ 000D25

■ 00010F

■ 000000

■ 60809E

■ 60809E

■ 50789E

■ 70889E

■ 40719E

■ 808F9E

■ 31699E

■ 8F979E

■ 21619E

■ 9F9F9E

■ 115A9E

■ AFA69E

■ 01529E

■ BFAE9E

■ 00529E

■ CFB69E

■ DEBD9E

■ EEC59E

Harmonies

Analogous

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



4E8496



60809E



787A9D

Triad

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



60809E



A07172



6A8466

Complementary

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



60809E



9E7E60

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.



7D7F5C



60809E



9B7463

Square

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



60809E



9B7183



8F7A5B



578676

Rectangle

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



60809E



877697



8F7A5B



708262

Sweetspot

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



60809E



B6C3CF



609E7E



5A6169



E8E8E8



696969

Same Dimension

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



60809E



6DA0CF



60619E



474B4F



004A8F



00080F

Inverse Universe

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



9E6080



CF6DA0



9E9D60



4F474B



8F004A



0F0008

Previews

White Background



This preview shows how the Hex color 60809E looks on a white background.

Color Contrast Check

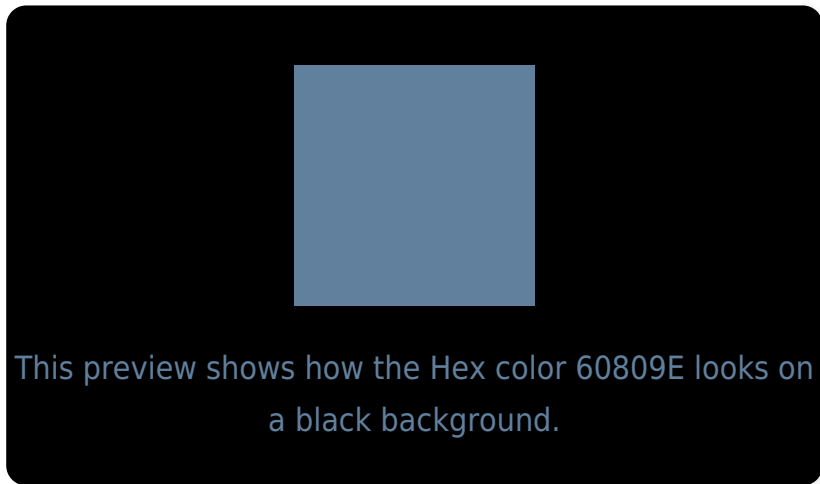
Large Text (above 18pt) WCAG AA ✓ Pass

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

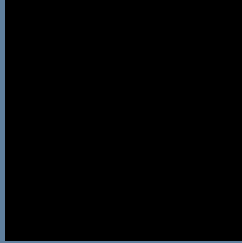
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

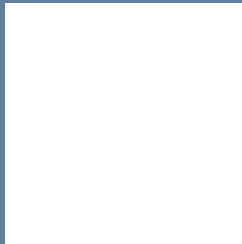
Any Text WCAG AAA × Fail

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

Hex 60809E Background



This preview shows how black text looks on a background with the Hex color 60809E.

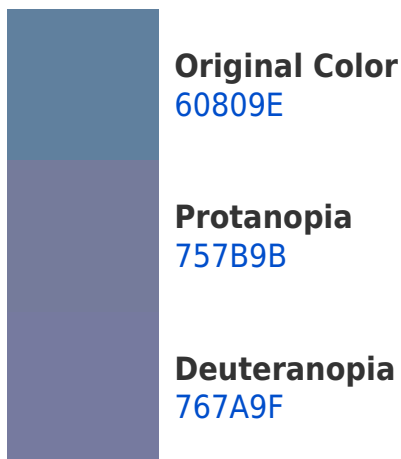



This preview shows how white text looks on a background with the Hex color 60809E.

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](#).

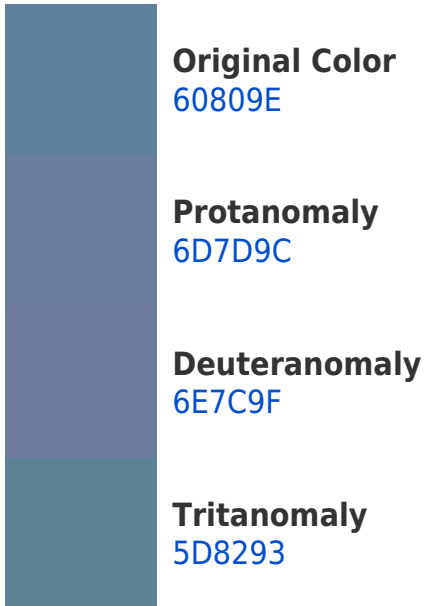
Dichromacy





Tritanopia
5C838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 60809E 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 #60809E looks like.

```
.text, #text, p{  
    color:#60809E  
}
```

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 #60809E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60809E
}
```

Border

The CSS property to change the border of an element to Hex 60809E 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
#60809E }
```

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

```
.border{ border-color:#60809E }
```

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

Here you see how a box with a 4 pixel #60809E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60809E; -webkit-box-shadow:4px 4px  
4px 4px #60809E; box-shadow:4px 4px 4px  
4px #60809E }
```

Background

The CSS property to change the background color of an element to Hex 60809E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60809E }
```

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

```
.background{ background-color:#60809E }
```

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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