

# Converting Colors

Hex(60A8C9)

Have a look what the booklet for  
Hex(60A8C9) contains.

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# **Color**

**Hex(60A8C9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60A8C9
RGB	96, 168, 201
RGB Percent	38%, 66%, 79%
CMY	0.6235, 0.3412, 0.2118
CMYK	0.52, 0.16, 0.00, 0.21
HSL	199°, 49%, 58%
HSV	199°, 52%, 79%
XYZ	29.3691, 34.7091, 60.4100
YIQ	150.2340, -53.5050, -5.0010

# Conversions

## Conversions Part 2

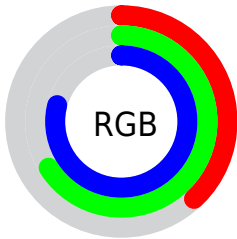
Format	Color
<b>RYB</b>	96, 139, 201
Decimal	6334665
CIELab	65.52, -13.36, -23.79
CIELCh	66, 27.280, 240.685
Yxy	34.7091, 0.2359, 0.2788
Android (android.graphics.Color)	4284524745 (0xFF60A8C9)
YUV	150.2340, 25.0276, -47.5632
Hunter-Lab	58.9144, -14.1172, -19.5549

# Details

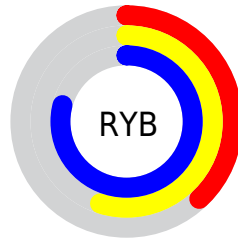
The Hex color **60A8C9** is a light color, and the websafe version is hex **3399CC**. A complement of this color would be **C98160**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **99DFFF**, and **217493** is the 20% darker color. If you saturate the color by 10%, you get **4CA2C9**, and if you desaturate by 10%, it is **74AEC9**.

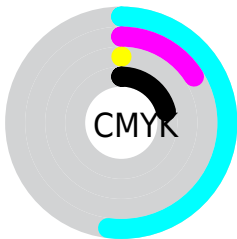
# Distribution



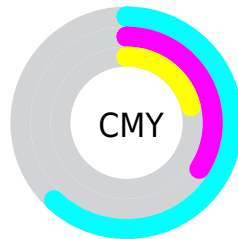
- Red (38%)
- Green (66%)
- Blue (79%)



- Red (38%)
- Yellow (55%)
- Blue (79%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (21%)



- Cyan (62%)
- Magenta (34%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 60A8C9 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 60A8C9 by changing the saturation by 10% instead.



 60A8C9

 60A8C9

FFFFFF

 438EAE

 99DFFF

 217493

 B5FCFF

 005B79

 D3FFFF

 004460

 F0FFFF

 002E48

 001A32

 00021D

 000000

 60A8C9

 60A8C9

■ 4CA2C9

■ 74AEC9

■ 389BC9

■ 88B5C9

■ 2495C9

■ 9CBBC9

■ 108FC9

■ B0C1C9

■ 008AC9

■ C5C8C9

■ D9CEC9

■ EDD4C9

■ FFDBC9

■ FFE1C9

# Harmonies

## Analogous

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



52ACB7



60A8C9



81A1D0

# Triad

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



60A8C9



CE8D9F



96A575

# Complementary

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



60A8C9



C98160

# 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.



B09E6E



60A8C9



CF8F87

# Square

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



60A8C9



BF91B7



C49575



7AAA86

# Rectangle

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



60A8C9



989CCD



C49575



9FA371

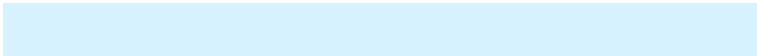


# Sweetspot

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



60A8C9



D6F2FF



60C980



677880



000000



808080



# Same Dimension

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



60A8C9



5ECDFF



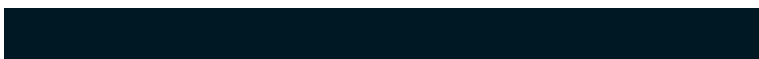
6075C9



5A6063



0070A3



001824



# Inverse Universe

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



C960A8



FF5ECD



C9B460



635A60



A30070



240018



# Previews

## White Background



This preview shows how the Hex color 60A8C9 looks on a white background.

## Color Contrast Check

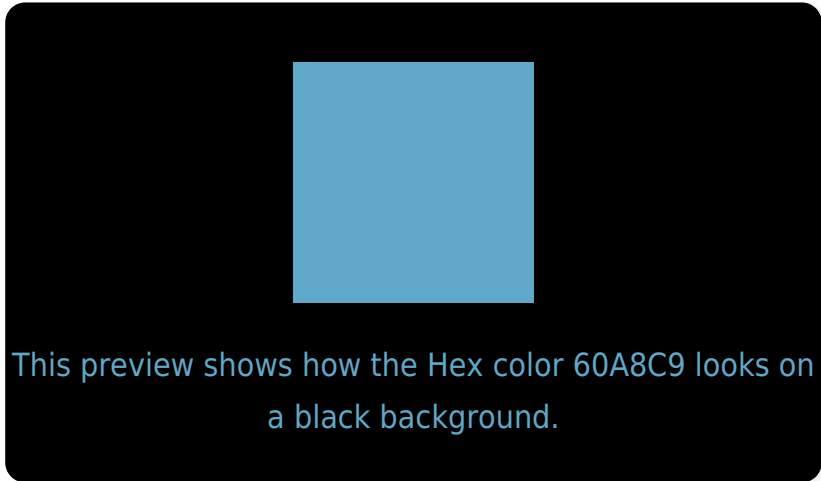
Large Text (above 18pt) WCAG AA × Fail

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

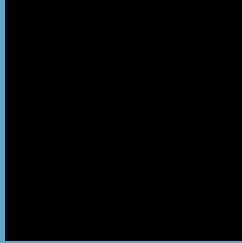
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 60A8C9 Background



This preview shows how black text looks on a background with the Hex color 60A8C9.

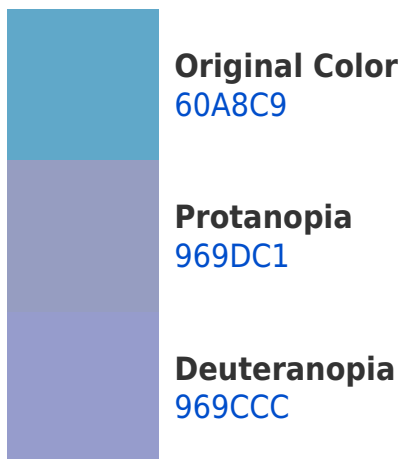


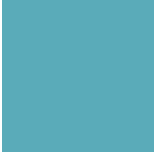
This preview shows how white text looks on a background with the Hex color 60A8C9.

# 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](#).

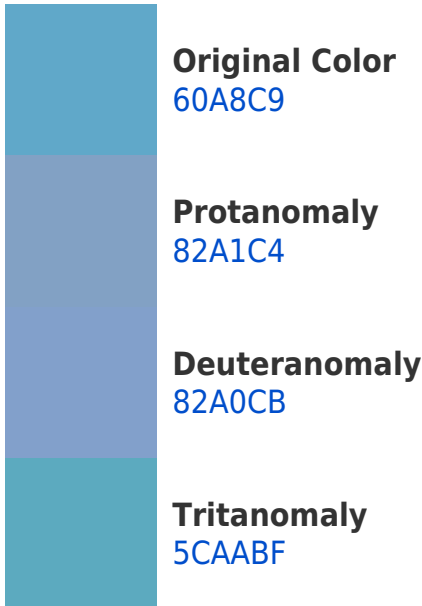
## Dichromacy



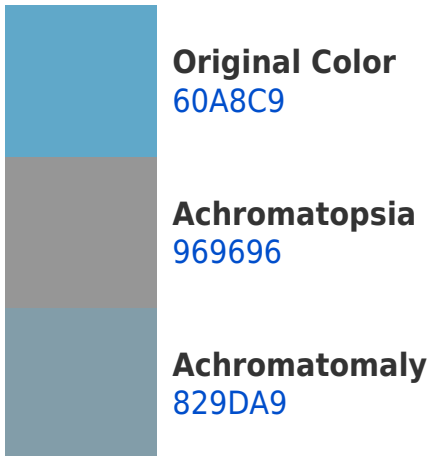


**Tritanopia**  
5AABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 60A8C9 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 #60A8C9 looks like.

```
.text, #text, p{  
    color:#60A8C9  
}
```

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 #60A8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60A8C9
}
```

## Border

The CSS property to change the border of an element to Hex 60A8C9 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
#60A8C9 }
```

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

```
.border{ border-color:#60A8C9 }
```

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

Here you see how a box with a 4 pixel #60A8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60A8C9; -webkit-box-shadow:4px 4px  
4px 4px #60A8C9; box-shadow:4px 4px 4px  
4px #60A8C9 }
```

# Background

The CSS property to change the background color of an element to Hex 60A8C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60A8C9 }
```

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

```
.background{ background-color:#60A8C9 }
```

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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