

# Converting Colors

Hex(5EA1B9)

Have a look what the booklet for  
Hex(5EA1B9) contains.

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# Color

**Hex(5EA1B9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA1B9
RGB	94, 161, 185
RGB Percent	37%, 63%, 73%
CMY	0.6314, 0.3686, 0.2745
CMYK	0.49, 0.13, 0.00, 0.27
HSL	196°, 39%, 55%
HSV	196°, 49%, 73%
XYZ	26.1179, 31.3722, 50.5778
YIQ	143.7030, -47.6360, -6.7400

# Conversions

## Conversions Part 2

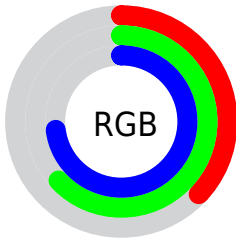
Format	Color
<b>RYB</b>	94, 133, 185
Decimal	6201785
CIELab	62.82, -14.68, -18.99
CIELCh	63, 24.006, 232.303
Yxy	31.3722, 0.2417, 0.2903
Android (android.graphics.Color)	4284391865 (0xFF5EA1B9)
YUV	143.7030, 20.3594, -43.5895
Hunter-Lab	56.0109, -14.7844, -14.3312

# Details

The Hex color **5EA1B9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B9765E**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **96D8F1**, and **236D84** is the 20% darker color. If you saturate the color by 10%, you get **4C9CB9**, and if you desaturate by 10%, it is **71A6B9**.

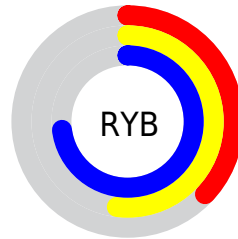
# Distribution



Red (37%)

Green (63%)

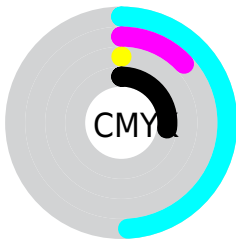
Blue (73%)



Red (37%)

Yellow (52%)

Blue (73%)

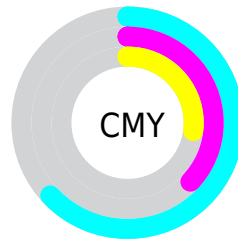


Cyan (49%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (63%)

Magenta (37%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EA1B9 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 5EA1B9 by changing the saturation by 10% instead.



■ 5EA1B9

■ 5EA1B9

FFFFFF

■ 42879E

■ 96D8F1

■ 236D84

■ B2F4FF

■ 00556B

■ CEFFFF

■ 003E52

■ ECFFFF

■ 00283B

■ 001326

■ 00010F

■ 000000

■ 5EA1B9

■ 5EA1B9

■ 4C9CB9

■ 71A6B9

■ 3997B9

■ 83ABB9

■ 2792B9

■ 96B0B9

■ 148DB9

■ A8B5B9

■ 0189B9

■ BBB9B9

■ 0088B9

■ CDBEB9

■ E0C3B9

■ F2C8B9

■ FFCDB9

# Harmonies

## Analogous

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



59A4A7



5EA1B9



769CC2

# Triad

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



5EA1B9



BF899E



979C70

# Complementary

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



5EA1B9



B9765E

# 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.



AD956E



5EA1B9



C38989

# Square

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



5EA1B9



AE8DB2



BD8E77



7EA17D

# Rectangle

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



5EA1B9



8A97C1



BD8E77



9F996E

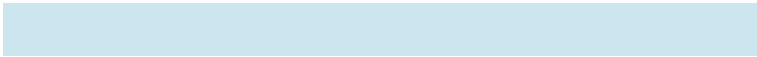


# Sweetspot

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



5EA1B9



CCE6F0



5EB975



627278



F7F7F7



787878



# Same Dimension

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



5EA1B9



62CAF0



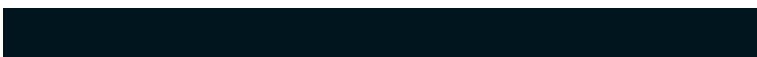
5E75B9



53595C



00739C



00151C



# Inverse Universe

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



B95EA1



F062CA



B9A25E



5C5359



9C0073



1C0015



# Previews

## White Background



This preview shows how the Hex color 5EA1B9 looks on a white background.

## Color Contrast Check

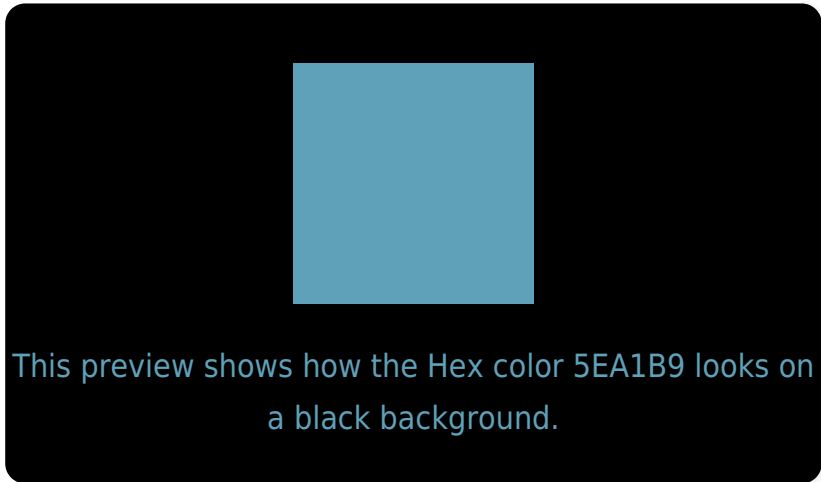
Large Text (above 18pt) WCAG AA × Fail

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

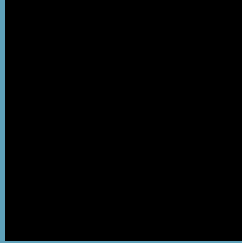
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 5EA1B9 Background



This preview shows how black text looks on a background with the Hex color 5EA1B9.

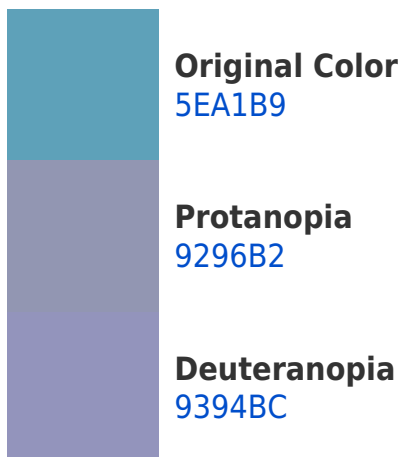


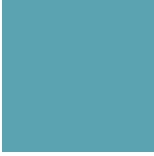
This preview shows how white text looks on a background with the Hex color 5EA1B9.

# Color Blindness Simulation

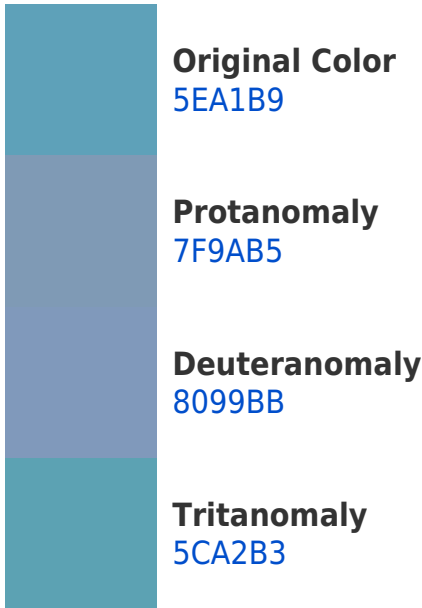
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

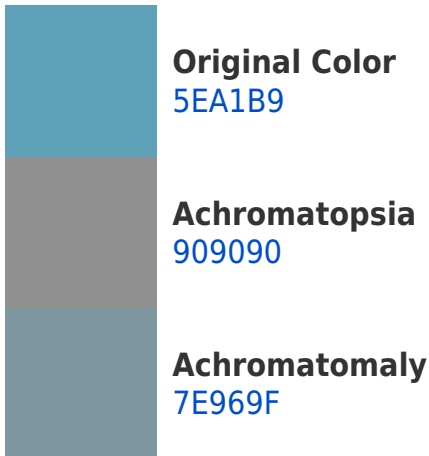




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EA1B9 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 #5EA1B9 looks like.

```
.text, #text, p{  
    color:#5EA1B9  
}
```

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 #5EA1B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EA1B9
}
```

## Border

The CSS property to change the border of an element to Hex 5EA1B9 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
#5EA1B9 }
```

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

```
.border{ border-color:#5EA1B9 }
```

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

Here you see how a box with a 4 pixel #5EA1B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EA1B9; -webkit-box-shadow:4px 4px  
4px 4px #5EA1B9; box-shadow:4px 4px 4px  
4px #5EA1B9 }
```

# Background

The CSS property to change the background color of an element to Hex 5EA1B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EA1B9 }
```

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

```
.background{ background-color:#5EA1B9 }
```

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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