

# Converting Colors

Hex(5992B8)

Have a look what the booklet for  
Hex(5992B8) contains.

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# Color

Hex(5992B8)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5992B8
RGB	89, 146, 184
RGB Percent	35%, 57%, 72%
CMY	0.6510, 0.4275, 0.2784
CMYK	0.52, 0.21, 0.00, 0.28
HSL	204°, 40%, 54%
HSV	204°, 52%, 72%
XYZ	23.0504, 26.1423, 49.1785
YIQ	133.2890, -46.1700, -0.2660

# Conversions

## Conversions Part 2

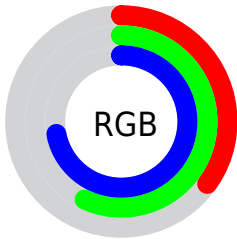
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	89, 125, 184
Decimal	5870264
CIE Lab	58.17, -7.90, -25.57
CIE LCh	58, 26.761, 252.828
Yxy	26.1423, 0.2343, 0.2658
Android (android.graphics.Color)	4284060344 (0xFF5992B8)
YUV	133.2890, 25.0005, -38.8415
Hunter-Lab	51.1295, -9.0046, -21.2369

# Details

The Hex color **5992B8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B87F59**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **90C8F0**, and **1D6083** is the 20% darker color. If you saturate the color by 10%, you get **478BB8**, and if you desaturate by 10%, it is **6B99B8**.

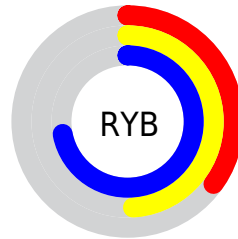
# Distribution



Red (35%)

Green (57%)

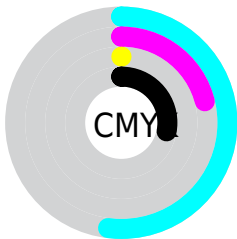
Blue (72%)



Red (35%)

Yellow (49%)

Blue (72%)

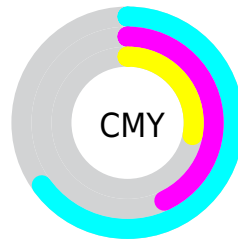


Cyan (52%)

Magenta (21%)

Yellow (0%)

Black (28%)



Cyan (65%)

Magenta (43%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5992B8 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 5992B8 by changing the saturation by 10% instead.



■ 5992B8

■ 5992B8

FFFFFF

■ 3D789D

■ 90C8F0

■ 1D6083

■ ADE4FF

■ 00486A

■ C9FFFF

■ 003251

■ E6FFFF

■ 001D3A

■ 000224

■ 00000C

■ 000000

■ 5992B8

■ 5992B8

478BB8

6B99B8

3483B8

7EA1B8

227CB8

90A8B8

0F75B8

A3AFB8

006EB8

B5B7B8

C7BEB8

DAC6B8

ECCDB8

FFD4B8

# Harmonies

## Analogous

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



4197AB



5992B8



7C8BB9

# Triad

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



5992B8



BB7A82



789469

# Complementary

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



5992B8



B87F59

# 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.



928E5E



5992B8



B77E6D

# Square

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



5992B8



B27C9A



A8865F



5C987D

# Rectangle

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



5992B8



9285B3



A8865F



819264



# Sweetspot

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



5992B8



CCE1F0



59B87F



626F78



F7F7F7



787878



# Same Dimension

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



5992B8



5BB4F0



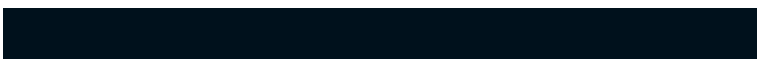
5962B8



53585C



005D9C



00111C



# Inverse Universe

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



B85992



F05BB4



B8AE59



5C5358



9C005D



1C0011



# Previews

## White Background



This preview shows how the Hex color 5992B8 looks on a white background.

## Color Contrast Check

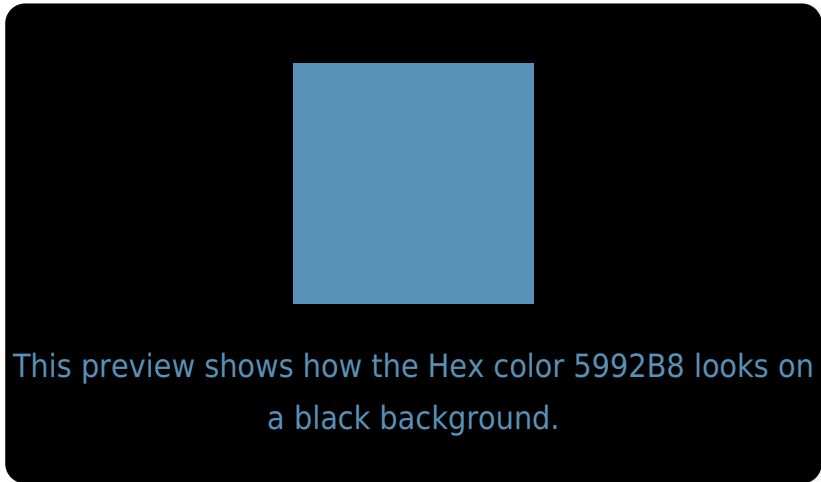
Large Text (above 18pt) WCAG AA ✓ Pass

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

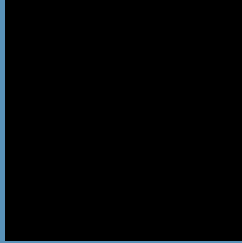
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

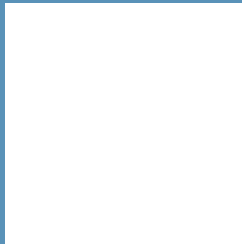
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5992B8 Background



This preview shows how black text looks on a background with the Hex color 5992B8.

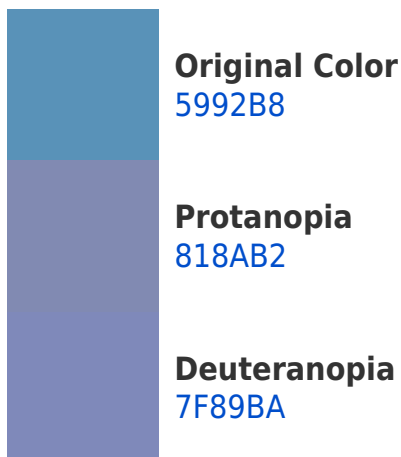


This preview shows how white text looks on a background with the Hex color 5992B8.

# 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](#).

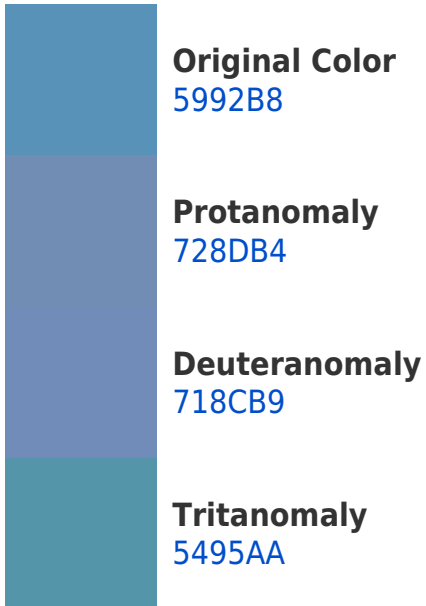
## Dichromacy



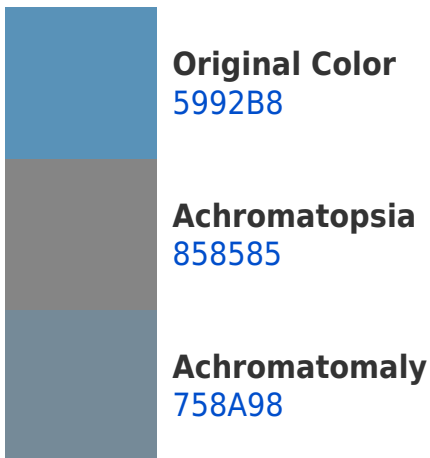


**Tritanopia**  
5196A2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5992B8 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 #5992B8 looks like.

```
.text, #text, p{  
    color:#5992B8  
}
```

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 #5992B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5992B8  
}
```

## Border

The CSS property to change the border of an element to Hex 5992B8 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  
#5992B8 }
```

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

```
.border{ border-color:#5992B8 }
```

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

Here you see how a box with a 4 pixel #5992B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5992B8; -webkit-box-shadow:4px 4px  
4px 4px #5992B8; box-shadow:4px 4px 4px  
4px #5992B8 }
```

# Background

The CSS property to change the background color of an element to Hex 5992B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5992B8 }
```

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

```
.background{ background-color:#5992B8 }
```

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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