

Converting Colors

Hex(5590B9)

Have a look what the booklet for
Hex(5590B9) contains.

Hex(5590B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5590B9)

Conversions

Conversions Part 1

Format	Color
Hex	5590B9
RGB	85, 144, 185
RGB Percent	33%, 56%, 73%
CMY	0.6667, 0.4353, 0.2745
CMYK	0.54, 0.22, 0.00, 0.27
HSL	205°, 42%, 53%
HSV	205°, 54%, 73%
XYZ	22.4765, 25.3806, 49.6132
YIQ	131.0330, -48.3250, 0.2430

Conversions

Conversions Part 2

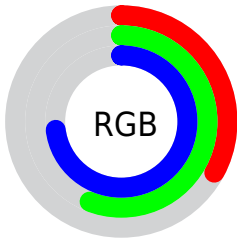
Format	Color
R _Y B	85, 122, 185
Decimal	5607609
CIE Lab	57.44, -7.37, -27.27
CIE LCh	57, 28.253, 254.869
Yxy	25.3806, 0.2306, 0.2604
Android (android.graphics.Color)	4283797689 (0xFF5590B9)
YUV	131.0330, 26.6057, -40.3709
Hunter-Lab	50.3792, -8.5262, -23.1232

Details

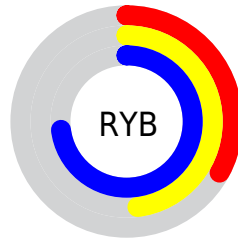
The Hex color **5590B9** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B97E55**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **8DC6F1**, and **155E84** is the 20% darker color. If you saturate the color by 10%, you get **4288B9**, and if you desaturate by 10%, it is **6898B9**.

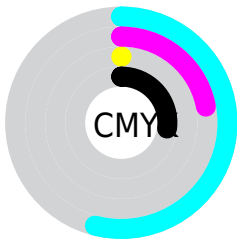
Distribution



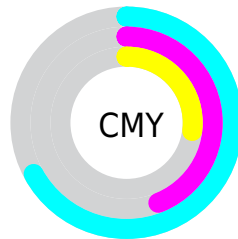
- Red (33%)
- Green (56%)
- Blue (73%)



- Red (33%)
- Yellow (48%)
- Blue (73%)



- Cyan (54%)
- Magenta (22%)
- Yellow (0%)
- Black (27%)



- Cyan (67%)
- Magenta (44%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5590B9 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 5590B9 by changing the saturation by 10% instead.

■ 5590B9

■ 5590B9

FFFFFF

■ 38769E

■ 8DC6F1

■ 155E84

■ A9E2FF

■ 00466A

■ C6FEFF

■ 003052

■ E3FFFF

■ 001C3B

■ 000225

■ 00010D

■ 000000

■ 5590B9

■ 5590B9

■ 4288B9

■ 6898B9

■ 3081B9

■ 7A9FB9

■ 1D79B9

■ 8DA7B9

■ 0B72B9

■ 9FAEB9

■ 006DB9

■ B2B6B9

■ C4BEB9

■ D6C5B9

■ E9CDB9

■ FCD4B9

Harmonies

Analogous

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



3795AC



5590B9



7B88B9

Triad

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



5590B9



BB777E



739366

Complementary

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



5590B9



B97E55

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.



8F8C5A



5590B9



B67C68

Square

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



5590B9



B37997



A6845B



55977C

Rectangle

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



5590B9



9282B2



A6845B



7C9161

Sweetspot

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



5590B9



C9E0F0



55B97D



616F78



F7F7F7



787878

Same Dimension

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



5590B9



54B0F0



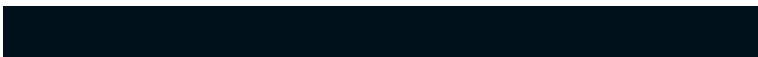
555FB9



53585C



005C9C



00111C

Inverse Universe

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



B95590



F054B0



B9AF55



5C5358



9C005C



1C0011

Previews

White Background



This preview shows how the Hex color 5590B9 looks on a white background.

Color Contrast Check

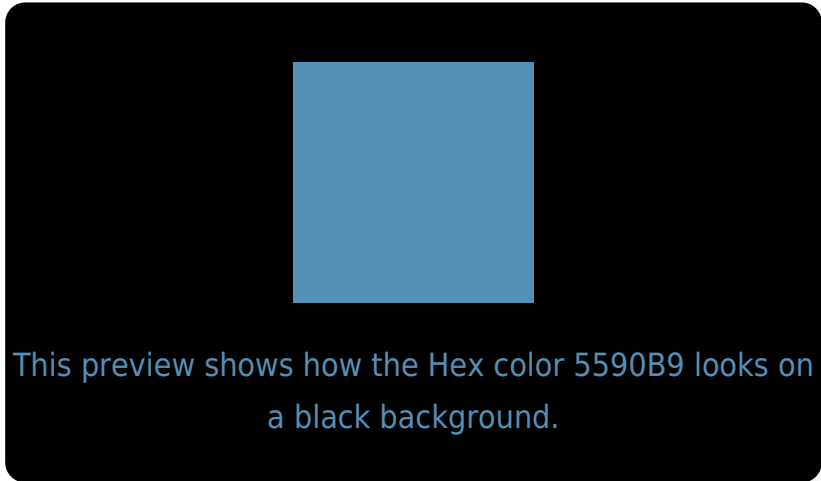
Large Text (above 18pt) WCAG AA ✓ Pass

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

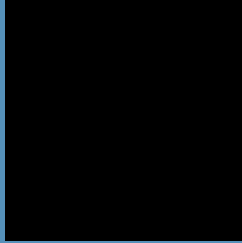
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

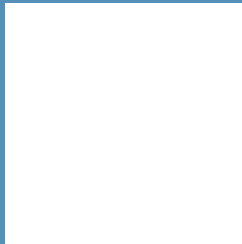
Any Text WCAG AAA × Fail

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

Hex 5590B9 Background



This preview shows how black text looks on a background with the Hex color 5590B9.

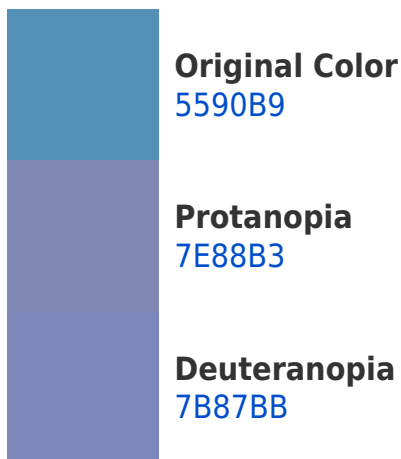


This preview shows how white text looks on a background with the Hex color 5590B9.

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](#).

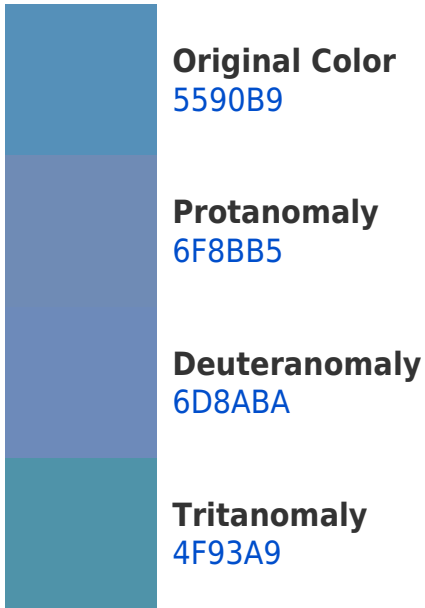
Dichromacy



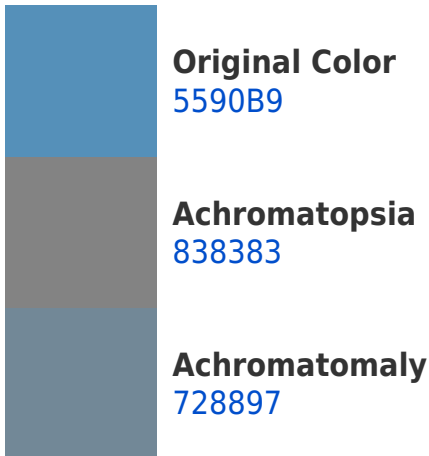


Tritanopia
4C94A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5590B9 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 #5590B9 looks like.

```
.text, #text, p{  
    color:#5590B9  
}
```

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 #5590B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5590B9
}
```

Border

The CSS property to change the border of an element to Hex 5590B9 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
#5590B9 }
```

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

```
.border{ border-color:#5590B9 }
```

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

Here you see how a box with a 4 pixel #5590B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5590B9; -webkit-box-shadow:4px 4px  
4px 4px #5590B9; box-shadow:4px 4px 4px  
4px #5590B9 }
```

Background

The CSS property to change the background color of an element to Hex 5590B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5590B9 }
```

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

```
.background{ background-color:#5590B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor