

# Converting Colors

Hex(5598D4)

Have a look what the booklet for  
Hex(5598D4) contains.

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# **Color**

**Hex(5598D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5598D4
RGB	85, 152, 212
RGB Percent	33%, 60%, 83%
CMY	0.6667, 0.4039, 0.1686
CMYK	0.60, 0.28, 0.00, 0.17
HSL	208°, 60%, 58%
HSV	208°, 60%, 83%
XYZ	26.8582, 29.1412, 66.4966
YIQ	138.8070, -59.1920, 4.4560

# Conversions

## Conversions Part 2

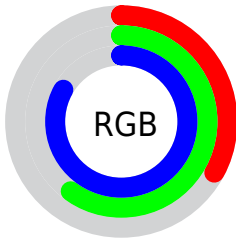
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 129, 212
Decimal	5609684
CIE <sub>Lab</sub>	60.91, -3.38, -37.09
CIE <sub>LCh</sub>	61, 37.242, 264.786
Yxy	29.1412, 0.2193, 0.2379
Android (android.graphics.Color)	4283799764 (0xFF5598D4)
YUV	138.8070, 36.0841, -47.1887
Hunter-Lab	53.9826, -5.6597, -35.2465

# Details

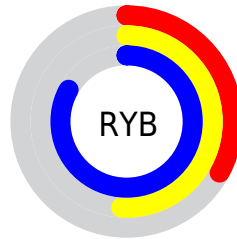
The Hex color **5598D4** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D49155**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **90CEFF**, and **00659D** is the 20% darker color. If you saturate the color by 10%, you get **408ED4**, and if you desaturate by 10%, it is **6AA2D4**.

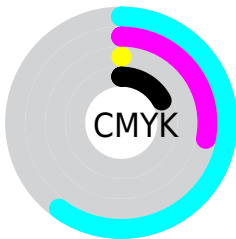
# Distribution



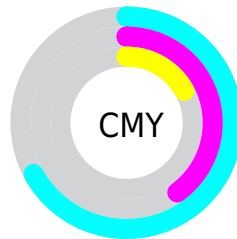
- Red (33%)
- Green (60%)
- Blue (83%)



- Red (33%)
- Yellow (51%)
- Blue (83%)



- Cyan (60%)
- Magenta (28%)
- Yellow (0%)
- Black (17%)



- Cyan (67%)
- Magenta (40%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5598D4 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 5598D4 by changing the saturation by 10% instead.



■ 5598D4

■ 5598D4

FFFFFF

■ 357EB8

■ 90CEFF

■ 00659D

■ ADEAFF

■ 004E83

■ CAFFFF

■ 003769

■ E8FFFF

■ 002251

■ 000B39

■ 000223

■ 00000A

■ 000000

■ 5598D4

■ 5598D4

■ 408ED4

■ 6AA2D4

■ 2B84D4

■ 7FACD4

■ 157AD4

■ 95B6D4

■ 0070D4

■ AAC0D4

■ BFCAD4

■ D4D4D4

■ E9DED4

■ FFE8D4

■ FFF2D4

# Harmonies

## Analogous

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



00A0C8



5598D4



8E8DCF

# Triad

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



5598D4



D27B79



65A06C

# Complementary

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



5598D4



D49155

# 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.



8C9956



5598D4



C6835E

# Square

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



5598D4



CE799A



AD8F51



34A48C

# Rectangle

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



5598D4



AB84C2



AD8F51



739E63

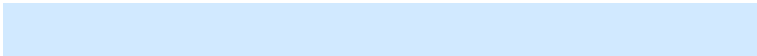


# Sweetspot

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



5598D4



D1E9FF



55D490



637280



000000



808080



# Same Dimension

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



5598D4



47A8FF



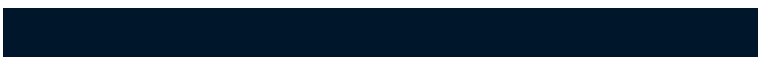
5559D4



60666B



005AAB



00172B



# Inverse Universe

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



D45598



FF47A8



D4D055



6B6066



AB005A



2B0017



# Previews

## White Background



This preview shows how the Hex color 5598D4 looks on a white background.

## Color Contrast Check

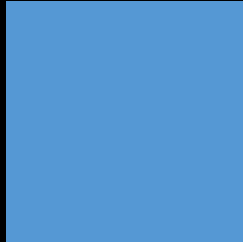
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 5598D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

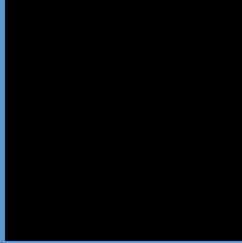
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5598D4 Background



This preview shows how black text looks on a background with the Hex color 5598D4.

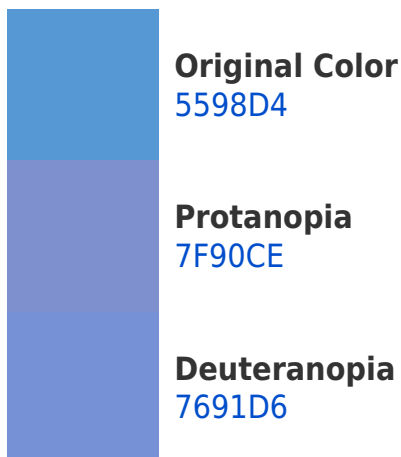


This preview shows how white text looks on a background with the Hex color 5598D4.

# Color Blindness Simulation

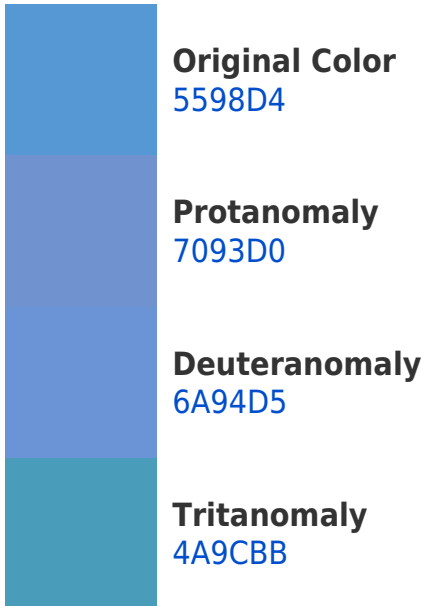
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

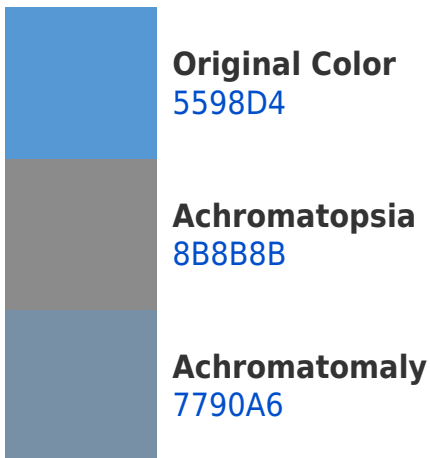




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5598D4 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 #5598D4 looks like.

```
.text, #text, p{  
    color:#5598D4  
}
```

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 #5598D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5598D4
}
```

## Border

The CSS property to change the border of an element to Hex 5598D4 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
#5598D4 }
```

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

```
.border{ border-color:#5598D4 }
```

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

Here you see how a box with a 4 pixel #5598D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5598D4; -webkit-box-shadow:4px 4px  
4px 4px #5598D4; box-shadow:4px 4px 4px  
4px #5598D4 }
```

# Background

The CSS property to change the background color of an element to Hex 5598D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5598D4 }
```

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

```
.background{ background-color:#5598D4 }
```

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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