

# Converting Colors

Hex(5689D1)

Have a look what the booklet for  
Hex(5689D1) contains.

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# Color

**Hex(5689D1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5689D1
RGB	86, 137, 209
RGB Percent	34%, 54%, 82%
CMY	0.6627, 0.4627, 0.1804
CMYK	0.59, 0.34, 0.00, 0.18
HSL	215°, 57%, 58%
HSV	215°, 59%, 82%
XYZ	24.2920, 24.4732, 63.7651
YIQ	129.9590, -53.5080, 11.5800

# Conversions

## Conversions Part 2

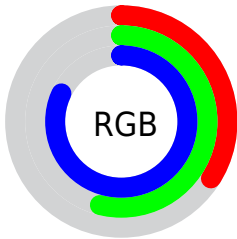
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	86, 122, 209
Decimal	5671377
CIE Lab	56.56, 4.55, -42.23
CIE LCh	57, 42.473, 276.155
Yxy	24.4732, 0.2159, 0.2175
Android (android.graphics.Color)	4283861457 (0xFF5689D1)
YUV	129.9590, 38.9672, -38.5520
Hunter-Lab	49.4704, 1.0778, -41.7928

# Details

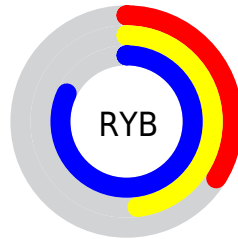
The Hex color **5689D1** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **D19E56**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **90BEFF**, and **07589A** is the 20% darker color. If you saturate the color by 10%, you get **417DD1**, and if you desaturate by 10%, it is **6B95D1**.

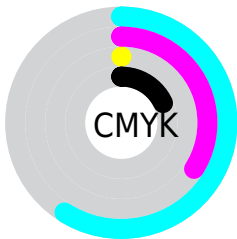
# Distribution



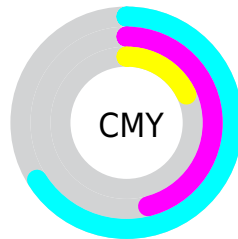
- Red (34%)
- Green (54%)
- Blue (82%)



- Red (34%)
- Yellow (48%)
- Blue (82%)



- Cyan (59%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (46%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5689D1 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 5689D1 by changing the saturation by 10% instead.



■ 5689D1

■ 5689D1

FFFFFF

■ 3670B5

■ 90BEFF

■ 07589A

■ ADDAFF

■ 004180

■ CBF6FF

■ 002B66

■ E8FFFF

■ 00184E

■ 000536

■ 000220

■ 000004

■ 000000

■ 5689D1

■ 5689D1

■ 417DD1

■ 6B95D1

■ 2C71D1

■ 80A1D1

■ 1764D1

■ 95AED1

■ 0258D1

■ AABAD1

■ 0057D1

■ BFC6D1

■ D3D2D1

■ E8DFD1

■ FDEBD1

■ FFF7D1

# Harmonies

## Analogous

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



0093CB



5689D1



957BC4

# Triad

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



5689D1



C96E5E



3C9868

# Complementary

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



5689D1



D19E56

# 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.



6F924A



5689D1



B67B44

# Square

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



5689D1



CC6881



96883B



009B8E

# Rectangle

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



5689D1



B172B1



96883B



50975D

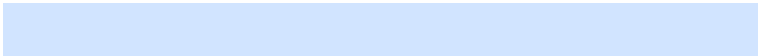


# Sweetspot

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



5689D1



D1E4FF



56D19E



636F80



000000



808080



# Same Dimension

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



5689D1



4A95FF



6056D1



5E6269



0046A8



001129



# Inverse Universe

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



D15689



FF4A95



C7D156



695E62



A80046



290011



# Previews

## White Background



This preview shows how the Hex color 5689D1 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 5689D1 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

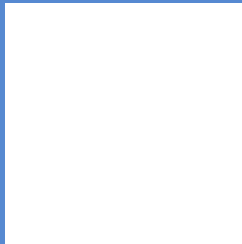
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5689D1 Background



This preview shows how black text looks on a background with the Hex color 5689D1.



This preview shows how white text looks on a background with the Hex color 5689D1.

# 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](#).

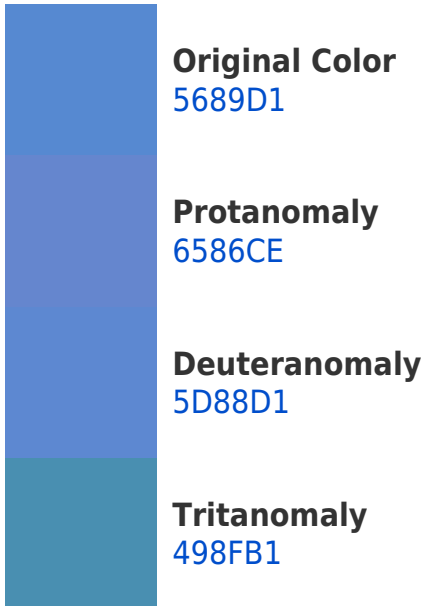
## Dichromacy



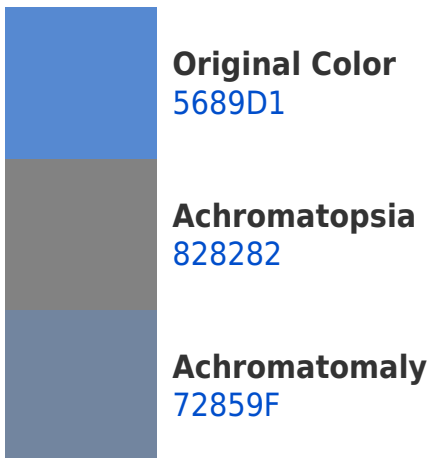


**Tritanopia**  
41939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5689D1 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 #5689D1 looks like.

```
.text, #text, p{  
    color:#5689D1  
}
```

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 #5689D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5689D1
}
```

## Border

The CSS property to change the border of an element to Hex 5689D1 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
#5689D1 }
```

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

```
.border{ border-color:#5689D1 }
```

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

Here you see how a box with a 4 pixel #5689D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5689D1; -webkit-box-shadow:4px 4px  
4px 4px #5689D1; box-shadow:4px 4px 4px  
4px #5689D1 }
```

# Background

The CSS property to change the background color of an element to Hex 5689D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5689D1 }
```

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

```
.background{ background-color:#5689D1 }
```

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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