

Converting Colors

Hex(5F92D6)

Have a look what the booklet for
Hex(5F92D6) contains.

Hex(5F92D6)	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(5F92D6)

Conversions

Conversions Part 1

Format	Color
Hex	5F92D6
RGB	95, 146, 214
RGB Percent	37%, 57%, 84%
CMY	0.6275, 0.4275, 0.1608
CMYK	0.56, 0.32, 0.00, 0.16
HSL	214°, 59%, 61%
HSV	214°, 56%, 84%
XYZ	27.1358, 27.8457, 67.5629
YIQ	138.5030, -52.2240, 10.3360

Conversions

Conversions Part 2

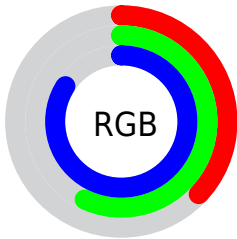
Format	Color
R _Y B	95, 131, 214
Decimal	6263510
CIE Lab	59.75, 2.73, -39.99
CIE LCh	60, 40.078, 273.905
Yxy	27.8457, 0.2214, 0.2272
Android (android.graphics.Color)	4284453590 (0xFF5F92D6)
YUV	138.5030, 37.2200, -38.1521
Hunter-Lab	52.7690, -0.5545, -38.9737

Details

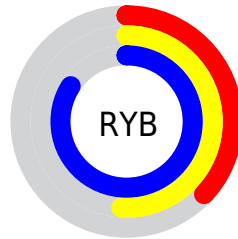
The Hex color **5F92D6** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **D6A35F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **99C8FF**, and **1D609F** is the 20% darker color. If you saturate the color by 10%, you get **4A86D6**, and if you desaturate by 10%, it is **749ED6**.

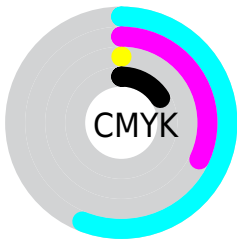
Distribution



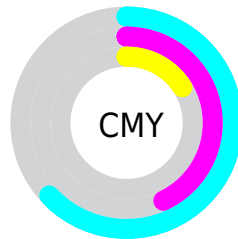
- Red (37%)
- Green (57%)
- Blue (84%)



- Red (37%)
- Yellow (51%)
- Blue (84%)



- Cyan (56%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (63%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F92D6 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 5F92D6 by changing the saturation by 10% instead.

 5F92D6

 5F92D6

FFFFFF

 4178BA

 99C8FF

 1D609F

 B6E4FF

 004884

 D3FFFF

 00326B

 F1FFFF

 001E52

 00043B

 000224

 00000C

 000000

■ 5F92D6

■ 5F92D6

■ 4A86D6

■ 749ED6

■ 347AD6

■ 8AAAD6

■ 1F6DD6

■ 9FB7D6

■ 0961D6

■ B5C3D6

■ 005CD6

■ CACFD6

■ DFDBD6

■ F5E8D6

■ FFF4D6

■ FFFFD6

Harmonies

Analogous

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



009CCF



5F92D6



9985CB

Triad

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



5F92D6



D0786A



4FA070

Complementary

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



5F92D6



D6A35F

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.



7C9954



5F92D6



BF8351

Square

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



5F92D6



D2738D



A18F48



00A294

Rectangle

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



5F92D6



B57CBA



A18F48



609E65

Sweetspot

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



5F92D6



D4E6FF



5FD6A2



667180



000000



808080

Same Dimension

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



5F92D6



549DFF



675FD6



60656B



0049AB



00132B

Inverse Universe

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



D65F92



FF549D



CED65F



6B6065



AB0049



2B0013

Previews

White Background



This preview shows how the Hex color 5F92D6 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

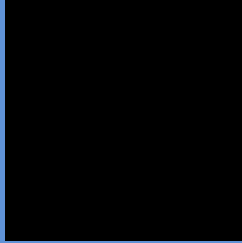
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

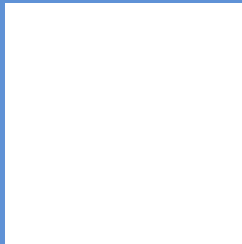
Any Text WCAG AAA × Fail

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

Hex 5F92D6 Background



This preview shows how black text looks on a background with the Hex color 5F92D6.

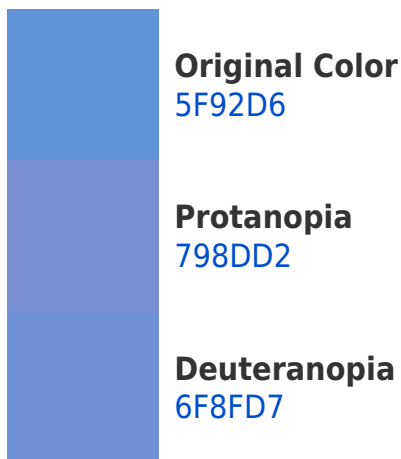


This preview shows how white text looks on a background with the Hex color 5F92D6.

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](#).

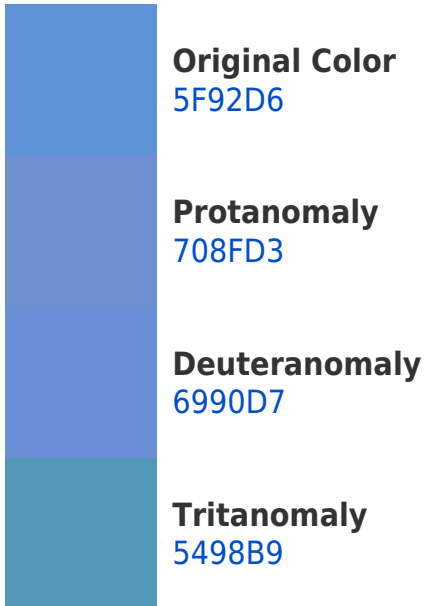
Dichromacy



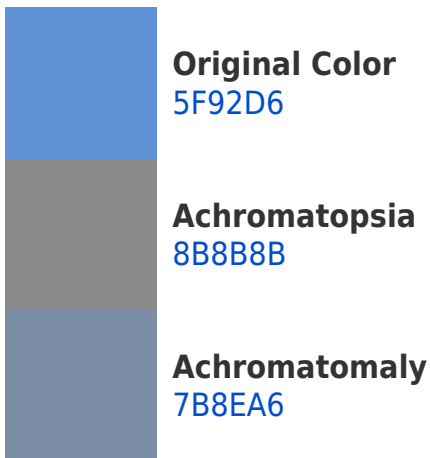


Tritanopia
4D9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F92D6 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 #5F92D6 looks like.

```
.text, #text, p{  
    color:#5F92D6  
}
```

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 #5F92D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F92D6
}
```

Border

The CSS property to change the border of an element to Hex 5F92D6 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
#5F92D6 }
```

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

```
.border{ border-color:#5F92D6 }
```

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

Here you see how a box with a 4 pixel #5F92D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F92D6; -webkit-box-shadow:4px 4px  
4px 4px #5F92D6; box-shadow:4px 4px 4px  
4px #5F92D6 }
```

Background

The CSS property to change the background color of an element to Hex 5F92D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F92D6 }
```

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

```
.background{ background-color:#5F92D6 }
```

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