

Converting Colors

Hex(3958D2)

Have a look what the booklet for
Hex(3958D2) contains.

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Color

Hex(3958D2)

Conversions

Conversions Part 1

Format	Color
Hex	3958D2
RGB	57, 88, 210
RGB Percent	22%, 35%, 82%
CMY	0.7765, 0.6549, 0.1765
CMYK	0.73, 0.58, 0.00, 0.18
HSL	228°, 63%, 52%
HSV	228°, 73%, 82%
XYZ	16.8099, 12.5024, 62.5000
YIQ	92.6390, -57.6380, 31.3700

Conversions

Conversions Part 2

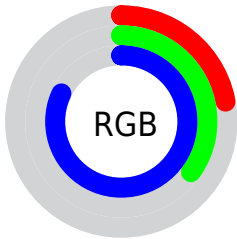
Format	Color
R_{YB}	57, 83, 210
Decimal	3758290
CIE _{Lab}	42.00, 30.64, -66.21
CIE _{LCh}	42, 72.956, 294.836
Yxy	12.5024, 0.1831, 0.1362
Android (android.graphics.Color)	4281948370 (0xFF3958D2)
YUV	92.6390, 57.8590, -31.2554
Hunter-Lab	35.3588, 22.9828, -80.0495

Details

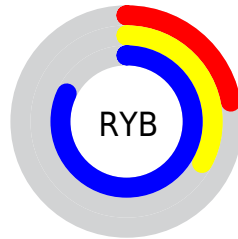
The Hex color **3958D2** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **D2B339**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **7C8AFF**, and **002C9A** is the 20% darker color. If you saturate the color by 10%, you get **2447D2**, and if you desaturate by 10%, it is **4E69D2**.

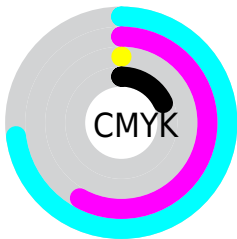
Distribution



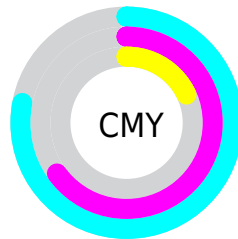
- Red (22%)
- Green (35%)
- Blue (82%)



- Red (22%)
- Yellow (33%)
- Blue (82%)



- Cyan (73%)
- Magenta (58%)
- Yellow (0%)
- Black (18%)



- Cyan (78%)
- Magenta (65%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3958D2 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 3958D2 by changing the saturation by 10% instead.

 3958D2

 3958D2

FFFFFF

 0041B6

 7C8AFF

 002C9A

 9AA4FF

 001880

 B8BFFF


 000066

 D7DBFF

 000A4D

 F5F7FF

 000535

 00021F

 000002

 000000

■ 3958D2

■ 3958D2

■ 2447D2

■ 4E69D2

■ 0F37D2

■ 6379D2

■ 002BD2

■ 788AD2

■ 8D9BD2

■ A2ACD2

■ B7BCD2

■ CCCDD2

■ E1DED2

■ F6EFD2

Harmonies

Analogous

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



006EDD



3958D2



9F32A9

Triad

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



3958D2



AD4000



007B57

Complementary

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



3958D2



D2B339

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.



007711



3958D2



825D00

Square

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



3958D2



C60B35



496E00



007C94

Rectangle

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



3958D2



BC0684



496E00



007A41

Sweetspot

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



3958D2



C7D2FF



39D2B1



5E6580



000000



808080

Same Dimension

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



3958D2



214EFF



6439D2



5E6069



0022A8



000829

Inverse Universe

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



D23958



FF214E



A7D239



695E60



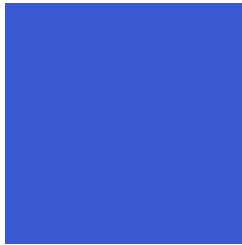
A80022



290008

Previews

White Background



This preview shows how the Hex color 3958D2 looks on a white background.

Color Contrast Check

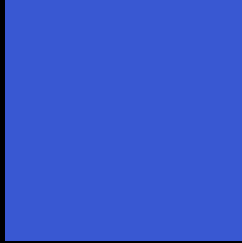
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 3958D2 looks on a black 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

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

Hex 3958D2 Background



This preview shows how black text looks on a background with the Hex color 3958D2.

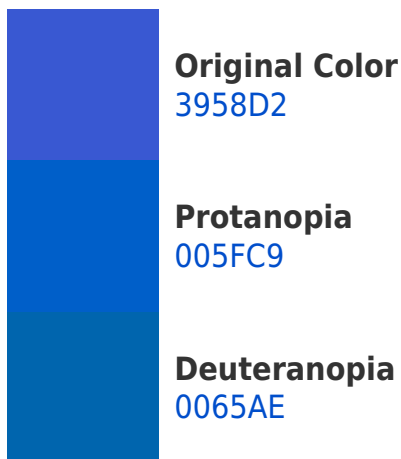


This preview shows how white text looks on a background with the Hex color 3958D2.

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](#).

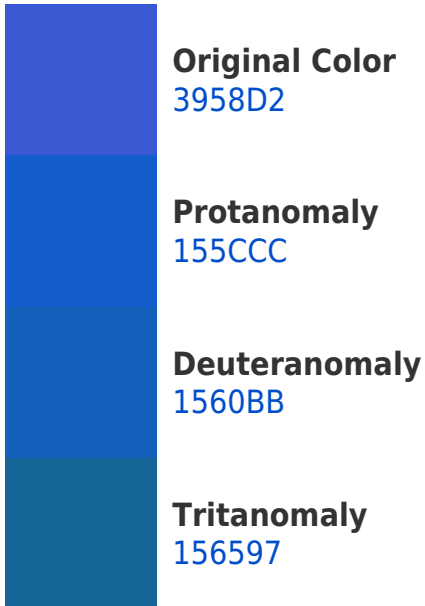
Dichromacy





Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3958D2 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 #3958D2 looks like.

```
.text, #text, p{  
    color:#3958D2  
}
```

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 #3958D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3958D2
}
```

Border

The CSS property to change the border of an element to Hex 3958D2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

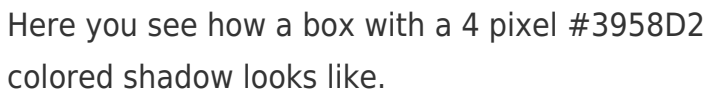
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3958D2 }
```

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

```
.border{ border-color:#3958D2 }
```

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



Here you see how a box with a 4 pixel #3958D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3958D2; -webkit-box-shadow:4px 4px  
4px 4px #3958D2; box-shadow:4px 4px 4px  
4px #3958D2 }
```

Background

The CSS property to change the background color of an element to Hex 3958D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3958D2 }
```

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

```
.background{ background-color:#3958D2 }
```

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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