

Converting Colors

Hex(5938D5)

Have a look what the booklet for
Hex(5938D5) contains.

Hex(5938D5)	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>	28

Color

Hex(5938D5)

Conversions

Conversions Part 1

Format	Color
Hex	5938D5
RGB	89, 56, 213
RGB Percent	35%, 22%, 84%
CMY	0.6510, 0.7804, 0.1647
CMYK	0.58, 0.74, 0.00, 0.16
HSL	253°, 65%, 53%
HSV	253°, 74%, 84%
XYZ	17.5442, 9.7563, 63.9093
YIQ	83.7650, -30.7290, 55.8230

Conversions

Conversions Part 2

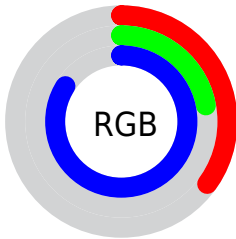
Format	Color
R_{YB}	89, 56, 213
Decimal	5847253
CIE _{Lab}	37.40, 54.51, -75.38
CIE _{LCh}	37, 93.026, 305.870
Yxy	9.7563, 0.1924, 0.1070
Android (android.graphics.Color)	4284037333 (0xFF5938D5)
YUV	83.7650, 63.7129, 4.5911
Hunter-Lab	31.2351, 45.5993, -99.4472

Details

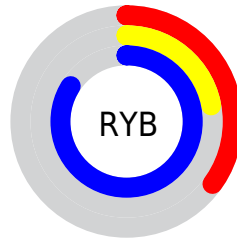
The Hex color **5938D5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B4D538**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **976BFF**, and **00029D** is the 20% darker color. If you saturate the color by 10%, you get **4823D5**, and if you desaturate by 10%, it is **6A4DD5**.

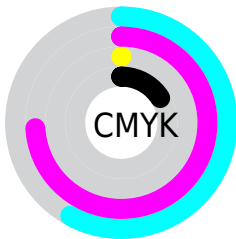
Distribution



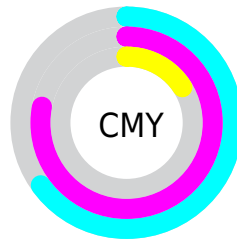
- Red (35%)
- Green (22%)
- Blue (84%)



- Red (35%)
- Yellow (22%)
- Blue (84%)



- Cyan (58%)
- Magenta (74%)
- Yellow (0%)
- Black (16%)



- Cyan (65%)
- Magenta (78%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5938D5 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 5938D5 by changing the saturation by 10% instead.

■ 5938D5

■ 5938D5

FFFFFF

■ 361FB9

■ 976BFF

■ 00029D

■ B585FF

■ 000082

■ D3A0FF

■ 000068

■ F2BBFF

■ 000A4E

■ FFD8FF

■ 000537

■ FFF4FF

■ 000220

■ 000005

■ 000000

■ 5938D5

■ 5938D5

■ 4823D5

■ 6A4DD5

■ 370DD5

■ 7B63D5

■ 2D00D5

■ 8B78D5

■ 9C8DD5

■ ADA3D5

■ BEB8D5

■ CFCDD5

■ E0E2D5

■ F0F8D5

Harmonies

Analogous

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



0060F2



5938D5



B70097

Triad

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



5938D5



9A3900



007266

Complementary

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



5938D5



B4D538

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.



00700D



5938D5



5F5B00

Square

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



5938D5



C40000



006A00



0074B0

Rectangle

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



5938D5



CE0066



006A00



00724B

Sweetspot

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



5938D5



D3C7FF



38B6D5



655E80



000000



808080

Same Dimension

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



5938D5



4E1FFF



A638D5



63606B



2400AB



09002B

Inverse Universe

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



D538B4



FF1FD0



67D538



6B6069



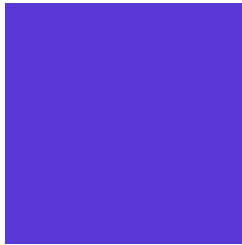
AB0087



2B0022

Previews

White Background



This preview shows how the Hex color 5938D5 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

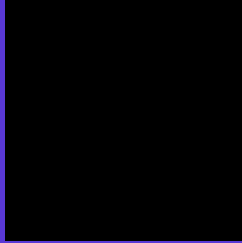
Any Text WCAG AA × Fail

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 5938D5 Background



This preview shows how black text looks on a background with the Hex color 5938D5.



This preview shows how white text looks on a background with the Hex color 5938D5.

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



Original Color
5938D5



Protanomaly
204ABF

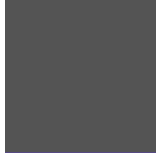


Tritanomaly
3C518F

Monochromacy



Original Color
5938D5



Achromatopsia
545454



Achromatomaly
564A83

CSS Examples

Text

The CSS property to change the color of the text to Hex 5938D5 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 #5938D5 looks like.

```
.text, #text, p{  
    color:#5938D5  
}
```

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 #5938D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5938D5
}
```

Border

The CSS property to change the border of an element to Hex 5938D5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

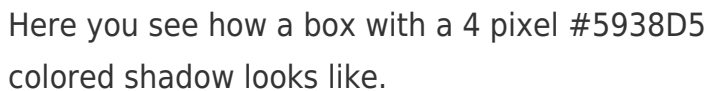
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5938D5 }
```

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

```
.border{ border-color:#5938D5 }
```

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



Here you see how a box with a 4 pixel #5938D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5938D5; -webkit-box-shadow:4px 4px  
4px 4px #5938D5; box-shadow:4px 4px 4px  
4px #5938D5 }
```

Background

The CSS property to change the background color of an element to Hex 5938D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5938D5 }
```

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

```
.background{ background-color:#5938D5 }
```

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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