

Converting Colors

Hex(5800D8)

Have a look what the booklet for
Hex(5800D8) contains.

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Color

Hex(5800D8)

Conversions

Conversions Part 1

Format	Color
Hex	5800D8
RGB	88, 0, 216
RGB Percent	35%, 0%, 85%
CMY	0.6549, 1.0000, 0.1529
CMYK	0.59, 1.00, 0.00, 0.15
HSL	264°, 100%, 42%
HSV	264°, 100%, 85%
XYZ	16.4192, 7.0326, 65.4578
YIQ	50.9360, -16.8880, 85.8320

Conversions

Conversions Part 2

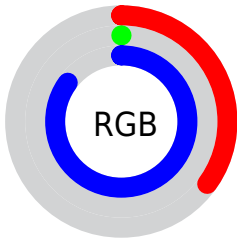
Format	Color
RYB	88, 0, 216
Decimal	5767384
CIELab	31.88, 72.08, -86.24
CIELCh	32, 112.401, 309.890
Yxy	7.0326, 0.1847, 0.0791
Android (android.graphics.Color)	4283957464 (0xFF5800D8)
YUV	50.9360, 81.3766, 32.5051
Hunter-Lab	26.5190, 64.1096, -127.7843

Details

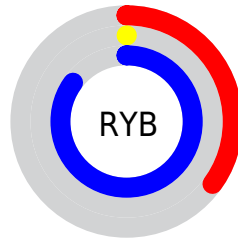
The Hex color **5800D8** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **80D800**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9949FF**, and **00009F** is the 20% darker color. If you saturate the color by 10%, you get **5800D8**, and if you desaturate by 10%, it is **6516D8**.

Distribution



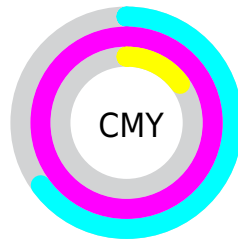
- Red (35%)
- Green (0%)
- Blue (85%)



- Red (35%)
- Yellow (0%)
- Blue (85%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5800D8 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 5800D8 by changing the saturation by 10% instead.

5800D8

5800D8

FFFFFF

3200BB

9949FF

00009F

B864FF

000084

D780FF

00006A

F69CFF

000A50

FFB8FF

000538

FFD5FF

000222

FFF3FF

000008

000000

 5800D8

 6516D8

 722BD8

 7E41D8

 8B56D8

 986CD8

 A582D8

 B297D8

 BEADD8

 CBC2D8

Harmonies

Analogous

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



0054FF



5800D8



BF008A

Triad

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



5800D8



8A2A00



006668

Complementary

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



5800D8



80D800

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.



006300



5800D8



415200

Square

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



5800D8



BD0000



005F00



0069BF

Rectangle

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



5800D8



D30050



005F00



006549

Sweetspot

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



5800D8



D2B3FF



0082D8



645280



000000



808080

Same Dimension

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



5800D8



6800FF



C200D8



65606B



4600AB



12002B

Inverse Universe

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



D80080



FF0097



16D800



6B6067



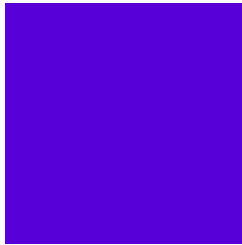
AB0065



2B001A

Previews

White Background



This preview shows how the Hex color 5800D8 looks on a white background.

Color Contrast Check

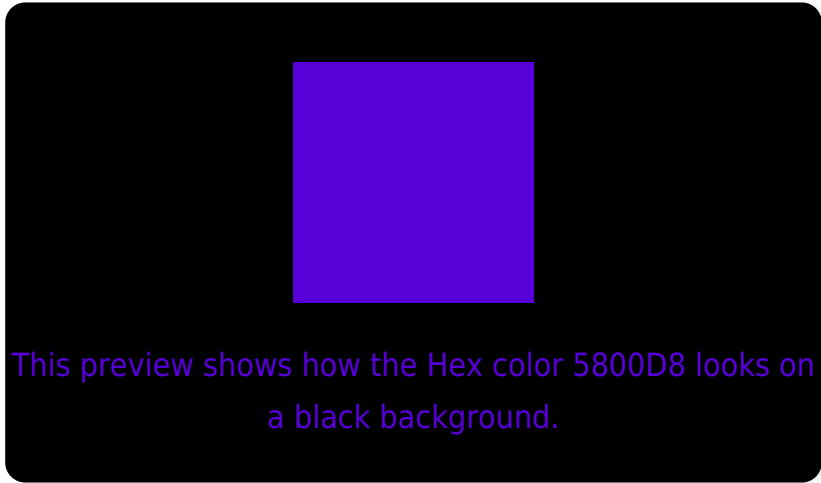
Large Text (above 18pt) WCAG AA ✓ Pass

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

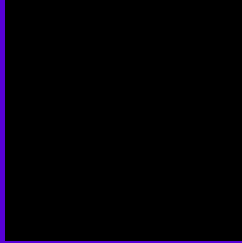
Any Text WCAG AA × Fail

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 5800D8 Background



This preview shows how black text looks on a background with the Hex color 5800D8.

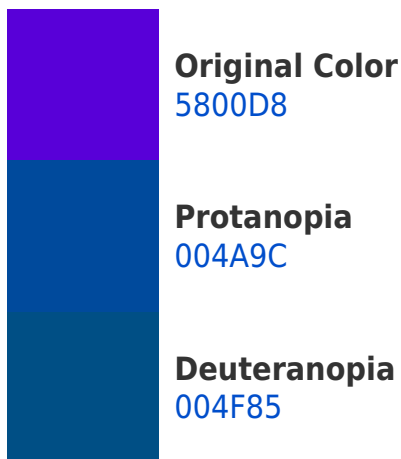


This preview shows how white text looks on a background with the Hex color 5800D8.

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
1F545B

Trichromacy



Original Color
5800D8



Protanomaly
202FB2



Deuteranomaly
2032A3



Tritanomaly
343588

Monochromacy



Original Color
5800D8



Achromatopsia
333333



Achromatomaly
40206F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5800D8 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 #5800D8 looks like.

```
.text, #text, p{  
    color:#5800D8  
}
```

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 #5800D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5800D8
}
```

Border

The CSS property to change the border of an element to Hex 5800D8 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
#5800D8 }
```

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

```
.border{ border-color:#5800D8 }
```

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

Here you see how a box with a 4 pixel #5800D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5800D8; -webkit-box-shadow:4px 4px  
4px 4px #5800D8; box-shadow:4px 4px 4px  
4px #5800D8 }
```

Background

The CSS property to change the background color of an element to Hex 5800D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5800D8 }
```

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

```
.background{ background-color:#5800D8 }
```

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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