

Converting Colors

Hex(5D3FD8)

Have a look what the booklet for
Hex(5D3FD8) contains.

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Color

Hex(5D3FD8)

Conversions

Conversions Part 1

Format	Color
Hex	5D3FD8
RGB	93, 63, 216
RGB Percent	36%, 25%, 85%
CMY	0.6353, 0.7529, 0.1529
CMYK	0.57, 0.71, 0.00, 0.15
HSL	252°, 66%, 55%
HSV	252°, 71%, 85%
XYZ	18.6864, 10.8400, 66.0732
YIQ	89.4120, -31.2330, 53.9430

Conversions

Conversions Part 2

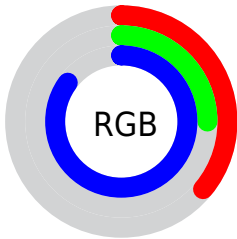
Format	Color
R _Y B	93, 63, 216
Decimal	6111192
CIE Lab	39.31, 52.33, -73.96
CIE LCh	39, 90.604, 305.281
Yxy	10.8400, 0.1955, 0.1134
Android (android.graphics.Color)	4284301272 (0xFF5D3FD8)
YUV	89.4120, 62.4079, 3.1467
Hunter-Lab	32.9242, 43.6916, -95.9378

Details

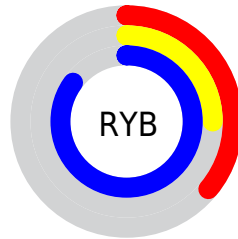
The Hex color **5D3FD8** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **BAD83F**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9A71FF**, and **040CA0** is the 20% darker color. If you saturate the color by 10%, you get **4C29D8**, and if you desaturate by 10%, it is **6E55D8**.

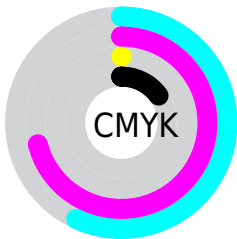
Distribution



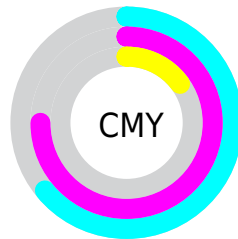
- Red (36%)
- Green (25%)
- Blue (85%)



- Red (36%)
- Yellow (25%)
- Blue (85%)



- Cyan (57%)
- Magenta (71%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (75%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D3FD8 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 5D3FD8 by changing the saturation by 10% instead.

■ 5D3FD8

■ 5D3FD8

FFFFFF

■ 3B26BC

■ 9A71FF

■ 040CA0

■ B88CFF

■ 000085

■ D7A7FF

■ 00006B

■ F5C2FF

■ 000651

■ FFDFFF

■ 000539

■ FFFCFF

■ 000223

■ 000009

■ 000000

 5D3FD8

 5D3FD8

 4C29D8

 6E55D8

 3A14D8

 806AD8

 2A00D8

 9180D8

 A295D8

 B4ABD8

 C5C1D8

 D7D6D8

 E8ECD8

 F9FFD8

Harmonies

Analogous

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



0064F4



5D3FD8



B9009C

Triad

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



5D3FD8



A03E00



007768

Complementary

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



5D3FD8



BAD83F

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.



007514



5D3FD8



665F00

Square

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



5D3FD8



C80007



006E00



0078B2

Rectangle

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



5D3FD8



D1006C



006E00



00774E

Sweetspot

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



5D3FD8



D4C9FF



3FBCD8



666080



000000



808080

Same Dimension

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



5D3FD8



5126FF



A83FD8



62606B



2200AB



09002B

Inverse Universe

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



D83FBA



FF26D5



6FD83F



6B6069



AB0089



2B0023

Previews

White Background



This preview shows how the Hex color 5D3FD8 looks on a white background.

Color Contrast Check

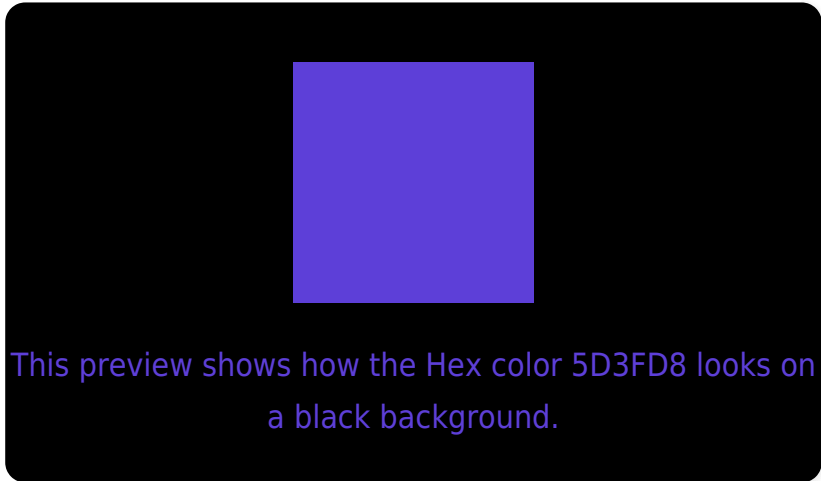
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

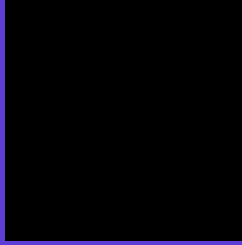
Any Text WCAG AA × Fail

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 5D3FD8 Background



This preview shows how black text looks on a background with the Hex color 5D3FD8.

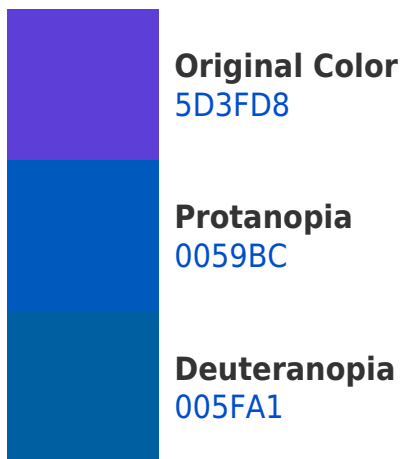



This preview shows how white text looks on a background with the Hex color 5D3FD8.

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](#).

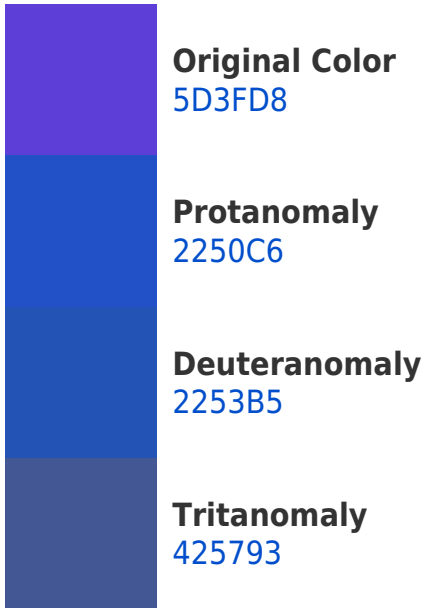
Dichromacy





Tritanopia
33646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D3FD8 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 #5D3FD8 looks like.

```
.text, #text, p{  
    color:#5D3FD8  
}
```

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 #5D3FD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D3FD8
}
```

Border

The CSS property to change the border of an element to Hex 5D3FD8 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
#5D3FD8 }
```

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

```
.border{ border-color:#5D3FD8 }
```

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

Here you see how a box with a 4 pixel #5D3FD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D3FD8; -webkit-box-shadow:4px 4px  
4px 4px #5D3FD8; box-shadow:4px 4px 4px  
4px #5D3FD8 }
```

Background

The CSS property to change the background color of an element to Hex 5D3FD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D3FD8 }
```

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

```
.background{ background-color:#5D3FD8 }
```

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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