

Converting Colors

Hex(5F20DD)

Have a look what the booklet for
Hex(5F20DD) contains.

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Color

Hex(5F20DD)

Conversions

Conversions Part 1

Format	Color
Hex	5F20DD
RGB	95, 32, 221
RGB Percent	37%, 13%, 87%
CMY	0.6275, 0.8745, 0.1333
CMYK	0.57, 0.86, 0.00, 0.13
HSL	260°, 75%, 50%
HSV	260°, 86%, 87%
XYZ	18.2870, 8.6864, 69.1194
YIQ	72.3830, -23.1210, 72.1350

Conversions

Conversions Part 2

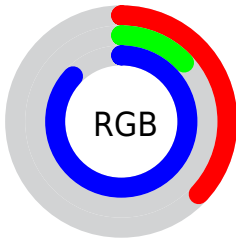
Format	Color
R_{YB}	95, 32, 221
Decimal	6234333
CIE _{Lab}	35.37, 67.21, -83.31
CIE _{LCh}	35, 107.045, 308.895
Yxy	8.6864, 0.1903, 0.0904
Android (android.graphics.Color)	4284424413 (0xFF5F20DD)
YUV	72.3830, 73.2682, 19.8351
Hunter-Lab	29.4727, 59.1772, -118.4163

Details

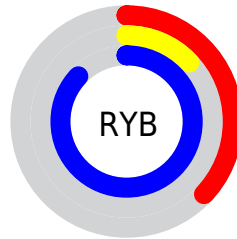
The Hex color **5F20DD** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **9EDD20**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **9E58FF**, and **0000A4** is the 20% darker color. If you saturate the color by 10%, you get **500ADD**, and if you desaturate by 10%, it is **6E36DD**.

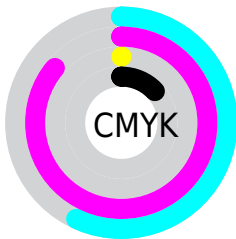
Distribution



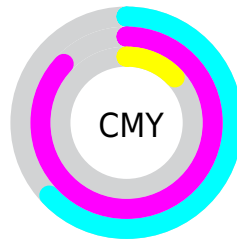
- Red (37%)
- Green (13%)
- Blue (87%)



- Red (37%)
- Yellow (13%)
- Blue (87%)



- Cyan (57%)
- Magenta (86%)
- Yellow (0%)
- Black (13%)



- Cyan (63%)
- Magenta (87%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F20DD 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 5F20DD by changing the saturation by 10% instead.

 5F20DD

 5F20DD

FFFFFF

 3B00C0

 9E58FF

 0000A4

 BD73FF

 000089

 DC8FFF

 00006F

 FBABFF


 000855

 FFC7FF

 00063D

 FFE4FF

 000226

 00010F

 000000

■ 5F20DD

■ 5F20DD

■ 500ADD

■ 6E36DD

■ 4A00DD

■ 7C4CDD

■ 8B62DD

■ 9A78DD

■ A98FDD

■ B7A5DD

■ C6BBDD

■ D5D1DD

■ E4E7DD

Harmonies

Analogous

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



005BFF



5F20DD



C30093

Triad

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



5F20DD



953300



006F6C

Complementary

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



5F20DD



9EDD20

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.



006C03



5F20DD



4F5900

Square

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



5F20DD



C60000



006700



0071C0

Rectangle

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



5F20DD



D8005B



006700



006E4E

Sweetspot

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



5F20DD



D3BDFF



209EDD



655880



000000



808080

Same Dimension

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



5F20DD



5500FF



BE20DD



66636E



3A00AD



0F002E

Inverse Universe

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



DD209E



FF00AA



3FDD20



6E636A



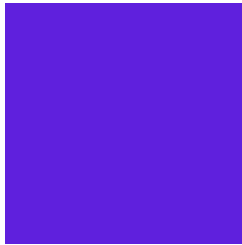
AD0074



2E001F

Previews

White Background



This preview shows how the Hex color 5F20DD 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

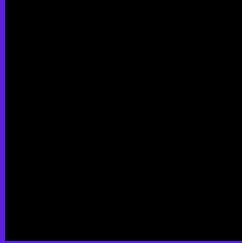
Any Text WCAG AA × Fail

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 5F20DD Background



This preview shows how black text looks on a background with the Hex color 5F20DD.

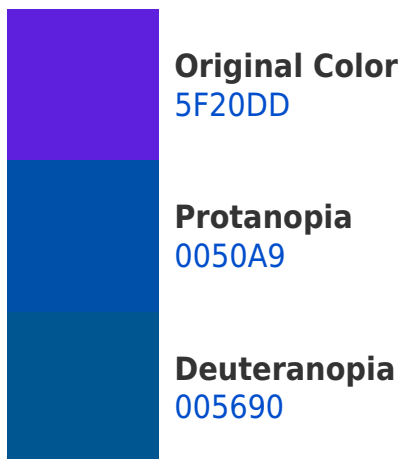


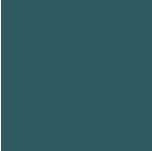
This preview shows how white text looks on a background with the Hex color 5F20DD.

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
2F5A61

Trichromacy



Original Color
5F20DD



Protanomaly
233FBC



Deuteranomaly
2342AC



Tritanomaly
40458E

Monochromacy



Original Color
5F20DD



Achromatopsia
484848



Achromatomaly
50397E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F20DD 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 #5F20DD looks like.

```
.text, #text, p{  
    color:#5F20DD  
}
```

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 #5F20DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F20DD
}
```

Border

The CSS property to change the border of an element to Hex 5F20DD is called "border". The border property can be set on classes, ids or directly on the HTML element.

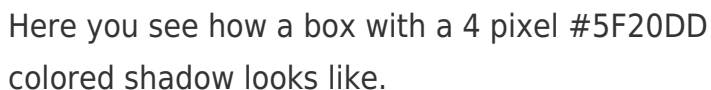
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F20DD }
```

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

```
.border{ border-color:#5F20DD }
```

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



Here you see how a box with a 4 pixel #5F20DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F20DD; -webkit-box-shadow:4px 4px  
4px 4px #5F20DD; box-shadow:4px 4px 4px  
4px #5F20DD }
```

Background

The CSS property to change the background color of an element to Hex 5F20DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F20DD }
```

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

```
.background{ background-color:#5F20DD }
```

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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