

Converting Colors

Hex(5F22DD)

Have a look what the booklet for
Hex(5F22DD) contains.

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Color

Hex(5F22DD)

Conversions

Conversions Part 1

Format	Color
Hex	5F22DD
RGB	95, 34, 221
RGB Percent	37%, 13%, 87%
CMY	0.6275, 0.8667, 0.1333
CMYK	0.57, 0.85, 0.00, 0.13
HSL	260°, 73%, 50%
HSV	260°, 85%, 87%
XYZ	18.3425, 8.7974, 69.1379
YIQ	73.5570, -23.6710, 71.0890

Conversions

Conversions Part 2

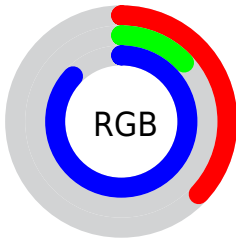
Format	Color
R_{YB}	95, 34, 221
Decimal	6234845
CIE Lab	35.59, 66.57, -82.95
CIE LCh	36, 106.358, 308.746
Yxy	8.7974, 0.1905, 0.0914
Android (android.graphics.Color)	4284424925 (0xFF5F22DD)
YUV	73.5570, 72.6894, 18.8055
Hunter-Lab	29.6604, 58.4815, -117.4416

Details

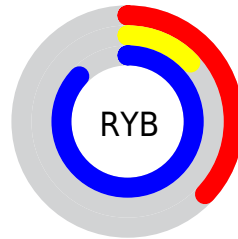
The Hex color **5F22DD** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **A0DD22**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **9E5AFF**, and **0000A4** is the 20% darker color. If you saturate the color by 10%, you get **500CDD**, and if you desaturate by 10%, it is **6E38DD**.

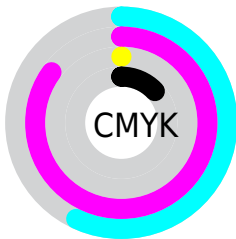
Distribution



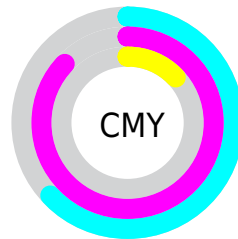
- Red (37%)
- Green (13%)
- Blue (87%)



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



- Cyan (57%)
- Magenta (85%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5F22DD 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 5F22DD by changing the saturation by 10% instead.

5F22DD

5F22DD

FFFFFF

3B00C0

9E5AFF

0000A4

BD75FF

000089

DC90FF

00006F

FBACFF

000855

FFC8FF

00063D

FFE5FF

000226

00010F

000000

■ 5F22DD

■ 5F22DD

■ 500CDD

■ 6E38DD

■ 4800DD

■ 7D4EDD

■ 8C64DD

■ 9B7ADD

■ A991DD

■ B8A7DD

■ C7BDDD

■ D6D3DD

■ E5E9DD

Harmonies

Analogous

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



005CFF



5F22DD



C30094

Triad

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



5F22DD



953400



006F6C

Complementary

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



5F22DD



A0DD22

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.



006D04



5F22DD



505900

Square

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



5F22DD



C60000



006800



0071C0

Rectangle

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



5F22DD



D8005C



006800



006E4E

Sweetspot

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



5F22DD



D4BFFF



22A2DD



665980



000000



808080

Same Dimension

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



5F22DD



5300FF



BB22DD



66636E



3900AD



0F002E

Inverse Universe

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



DD22A0



FF00AC



44DD22



6E636A



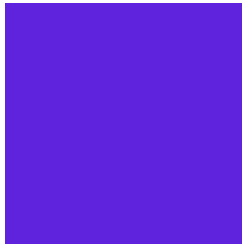
AD0075



2E001F

Previews

White Background



This preview shows how the Hex color 5F22DD 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

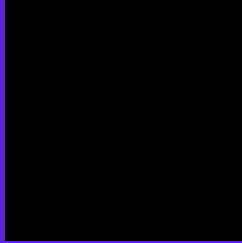
Any Text WCAG AA × Fail

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 5F22DD Background



This preview shows how black text looks on a background with the Hex color 5F22DD.



This preview shows how white text looks on a background with the Hex color 5F22DD.

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](#).

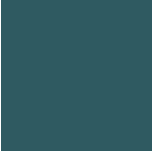
Dichromacy



Original Color
5F22DD

Protanopia
0051AA

Deuteranopia
005691



Tritanopia
2F5A61

Trichromacy



Original Color
5F22DD



Protanomaly
2340BD



Deuteranomaly
2343AD



Tritanomaly
40468E

Monochromacy



Original Color
5F22DD



Achromatopsia
4A4A4A



Achromatomaly
523B7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F22DD 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 #5F22DD looks like.

```
.text, #text, p{  
    color:#5F22DD  
}
```

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 #5F22DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F22DD
}
```

Border

The CSS property to change the border of an element to Hex 5F22DD 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".

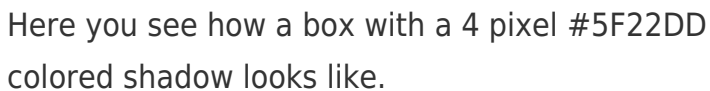
```
.border, #border, table{ border:4px solid
#5F22DD }
```

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

```
.border{ border-color:#5F22DD }
```

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

Here you see how a box with a 4 pixel #5F22DD colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F22DD; -webkit-box-shadow:4px 4px  
4px 4px #5F22DD; box-shadow:4px 4px 4px  
4px #5F22DD }
```

Background

The CSS property to change the background color of an element to Hex 5F22DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F22DD }
```

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

```
.background{ background-color:#5F22DD }
```

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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