

Converting Colors

Hex(5F0DD2)

Have a look what the booklet for
Hex(5F0DD2) contains.

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Color

Hex(5F0DD2)

Conversions

Conversions Part 1

Format	Color
Hex	5F0DD2
RGB	95, 13, 210
RGB Percent	37%, 5%, 82%
CMY	0.6275, 0.9490, 0.1765
CMYK	0.55, 0.94, 0.00, 0.18
HSL	265°, 88%, 44%
HSV	265°, 94%, 82%
XYZ	16.4961, 7.3739, 61.5266
YIQ	59.9760, -14.3650, 78.6510

Conversions

Conversions Part 2

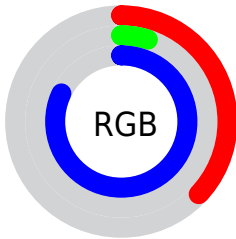
Format	Color
RYB	95, 13, 210
Decimal	6229458
CIELab	32.64, 69.23, -81.48
CIELCh	33, 106.921, 310.354
Yxy	7.3739, 0.1932, 0.0863
Android (android.graphics.Color)	4284419538 (0xFF5F0DD2)
YUV	59.9760, 73.9618, 30.7160
Hunter-Lab	27.1549, 60.9143, -115.3288

Details

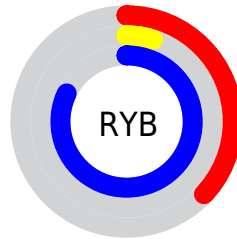
The Hex color **5F0DD2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **80D20D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9D4EFF**, and **04009A** is the 20% darker color. If you saturate the color by 10%, you get **5700D2**, and if you desaturate by 10%, it is **6B22D2**.

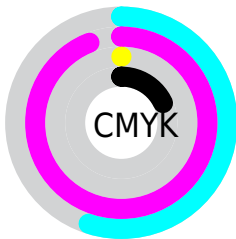
Distribution



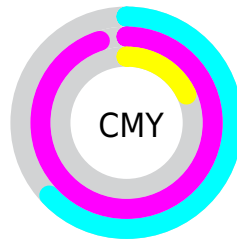
- Red (37%)
- Green (5%)
- Blue (82%)



- Red (37%)
- Yellow (5%)
- Blue (82%)



- Cyan (55%)
- Magenta (94%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (95%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F0DD2 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 5F0DD2 by changing the saturation by 10% instead.

 5F0DD2

 5F0DD2


FFFFFF

 3C00B6


 9D4EFF

 04009A

 BC69FF

 00007F

 DB84FF

 000065

 FAA0FF

 00094B

 FFBDFE

 000434

 FFD9FF

 00021E

 FFF7FF

 000000

 5F0DD2

 5F0DD2

■ 5700D2

■ 6B22D2

■ 7837D2

■ 844CD2

■ 9061D2

■ 9C76D2

■ A98BD2

■ B5A0D2

■ C1B5D2

■ CDCAD2

Harmonies

Analogous

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



0054FB



5F0DD2



BD0088

Triad

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



5F0DD2



893000



00676A

Complementary

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



5F0DD2



80D20D

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.



006504



5F0DD2



435300

Square

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



5F0DD2



BB0000



006000



006ABC

Rectangle

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



5F0DD2



D00051



006000



00664C

Sweetspot

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



5F0DD2



D5B8FF



0D83D2



665480



000000



808080

Same Dimension

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



5F0DD2



6A00FF



BE0DD2



625E69



4600A8



110029

Inverse Universe

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



D20D80



FF0095



21D20D



695E64



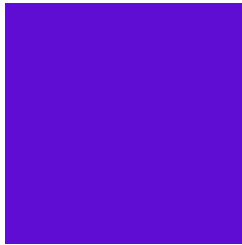
A80062



290018

Previews

White Background



This preview shows how the Hex color 5F0DD2 looks on a white background.

Color Contrast Check

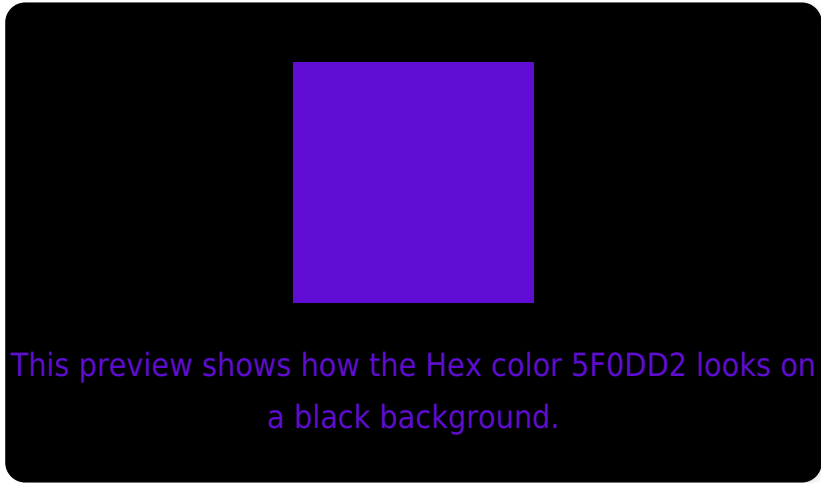
Large Text (above 18pt) WCAG AA ✓ Pass

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

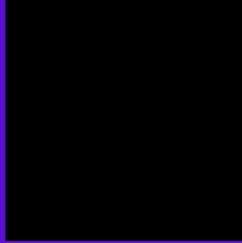
Any Text WCAG AA × Fail

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 5F0DD2 Background



This preview shows how black text looks on a background with the Hex color 5F0DD2.

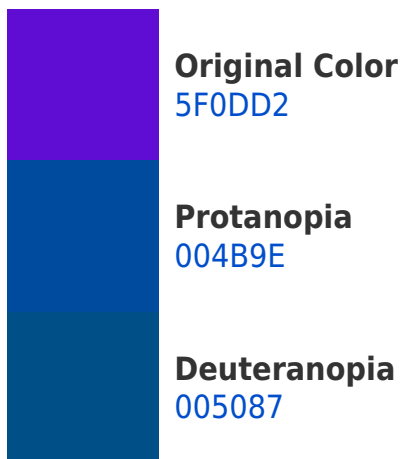


This preview shows how white text looks on a background with the Hex color 5F0DD2.

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
365259

Trichromacy



Original Color
5F0DD2



Protanomaly
2334B1



Deuteranomaly
2338A2



Tritanomaly
453985

Monochromacy



Original Color
5F0DD2



Achromatopsia
3C3C3C



Achromatomaly
492B73

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F0DD2 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 #5F0DD2 looks like.

```
.text, #text, p{  
    color:#5F0DD2  
}
```

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 #5F0DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F0DD2
}
```

Border

The CSS property to change the border of an element to Hex 5F0DD2 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
#5F0DD2 }
```

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

```
.border{ border-color:#5F0DD2 }
```

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

Here you see how a box with a 4 pixel #5F0DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F0DD2; -webkit-box-shadow:4px 4px  
4px 4px #5F0DD2; box-shadow:4px 4px 4px  
4px #5F0DD2 }
```

Background

The CSS property to change the background color of an element to Hex 5F0DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F0DD2 }
```

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

```
.background{ background-color:#5F0DD2 }
```

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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