

Converting Colors

Hex(5D37DF)

Have a look what the booklet for
Hex(5D37DF) contains.

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Color

Hex(5D37DF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5D37DF |
| RGB | 93, 55, 223 |
| RGB Percent | 36%, 22%, 87% |
| CMY | 0.6353, 0.7843, 0.1255 |
| CMYK | 0.58, 0.75, 0.00, 0.13 |
| HSL | 254°, 72%, 55% |
| HSV | 254°, 75%, 87% |
| XYZ | 19.1997, 10.3872, 70.8050 |
| YIQ | 85.5140, -31.2800, 60.3040 |

Conversions

Conversions Part 2

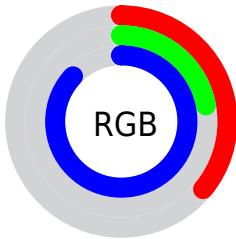
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 93, 55, 223 |
| Decimal | 6109151 |
| CIE _{Lab} | 38.53, 58.34, -79.26 |
| CIE _{LCh} | 39, 98.413, 306.354 |
| Yxy | 10.3872, 0.1912, 0.1035 |
| Android (android.graphics.Color) | 4284299231 (0xFF5D37DF) |
| YUV | 85.5140, 67.7806, 6.5652 |
| Hunter-Lab | 32.2293, 49.9352, -107.6948 |

Details

The Hex color **5D37DF** 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 **B9DF37**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9C6AFF**, and **0000A6** is the 20% darker color. If you saturate the color by 10%, you get **4C21DF**, and if you desaturate by 10%, it is **6E4DDF**.

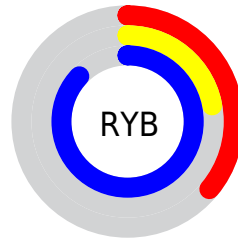
Distribution



Red (36%)

Green (22%)

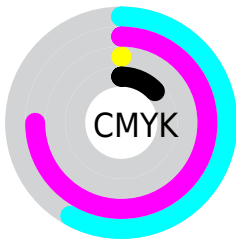
Blue (87%)



Red (36%)

Yellow (22%)

Blue (87%)

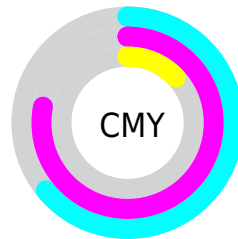


Cyan (58%)

Magenta (75%)

Yellow (0%)

Black (13%)



Cyan (64%)

Magenta (78%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D37DF 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 5D37DF by changing the saturation by 10% instead.

5D37DF

5D37DF

FFFFFF

391DC2

9C6AFF

0000A6

BA85FF

00008B

D9A0FF

000071

F8BCFF

000557

FFD8FF

00063F

FFF5FF

000328

000111

000000

■ 5D37DF

■ 5D37DF

■ 4C21DF

■ 6E4DDF

■ 3A0ADF

■ 8064DF

■ 3200DF

■ 917ADF

■ A290DF

■ B3A7DF

■ C5BDDF

■ D6D3DF

■ E7E9DF

■ F8FFDF

Harmonies

Analogous

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



0063FF



5D37DF



C0009D

Triad

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



5D37DF



A03A00



00766B

Complementary

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



5D37DF



B9DF37

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.



00740B



5D37DF



605E00

Square

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



5D37DF



CC0000



006D00



0078BA

Rectangle

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



5D37DF



D80068



006D00



00764E

Sweetspot

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



5D37DF



D2C4FF



37BBDF



645C80



000000



808080

Same Dimension

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



5D37DF



4D19FF



AF37DF



686570



2800B0



0B0030

Inverse Universe

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



DF37B9



FF19CB



67DF37



70656E



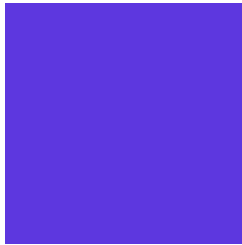
B00088



300025

Previews

White Background



This preview shows how the Hex color 5D37DF 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 5D37DF Background



This preview shows how black text looks on a background with the Hex color 5D37DF.



This preview shows how white text looks on a background with the Hex color 5D37DF.

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



Trichromacy



Original Color
5D37DF



Protanomaly
224BC6



Deuteranomaly
224FB5



Tritanomaly
3E5295

Monochromacy



Original Color
5D37DF



Achromatopsia
565656



Achromatomaly
594B88

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D37DF 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 #5D37DF looks like.

```
.text, #text, p{  
    color:#5D37DF  
}
```

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 #5D37DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D37DF
}
```

Border

The CSS property to change the border of an element to Hex 5D37DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

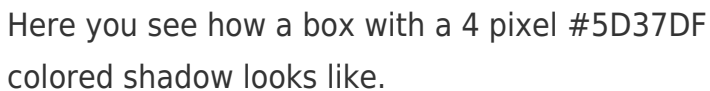
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D37DF }
```

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

```
.border{ border-color:#5D37DF }
```

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



Here you see how a box with a 4 pixel #5D37DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D37DF; -webkit-box-shadow:4px 4px  
4px 4px #5D37DF; box-shadow:4px 4px 4px  
4px #5D37DF }
```

Background

The CSS property to change the background color of an element to Hex 5D37DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D37DF }
```

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

```
.background{ background-color:#5D37DF }
```

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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