

Converting Colors

Hex(5D37BD)

Have a look what the booklet for
Hex(5D37BD) contains.

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Color

Hex(5D37BD)

Conversions

Conversions Part 1

Format	Color
Hex	5D37BD
RGB	93, 55, 189
RGB Percent	36%, 22%, 74%
CMY	0.6353, 0.7843, 0.2588
CMYK	0.51, 0.71, 0.00, 0.26
HSL	257°, 55%, 48%
HSV	257°, 71%, 74%
XYZ	15.0657, 8.7337, 49.0358
YIQ	81.6380, -20.3660, 49.7300

Conversions

Conversions Part 2

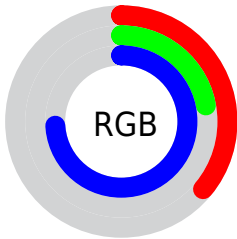
Format	Color
R _Y B	93, 55, 189
Decimal	6109117
CIE Lab	35.47, 48.76, -64.57
CIE LCh	35, 80.909, 307.058
Yxy	8.7337, 0.2068, 0.1199
Android (android.graphics.Color)	4284299197 (0xFF5D37BD)
YUV	81.6380, 52.9295, 9.9645
Hunter-Lab	29.5528, 39.2802, -77.6908

Details

The Hex color **5D37BD** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **97BD37**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9769F6**, and **190286** is the 20% darker color. If you saturate the color by 10%, you get **4F24BD**, and if you desaturate by 10%, it is **6B4ABD**.

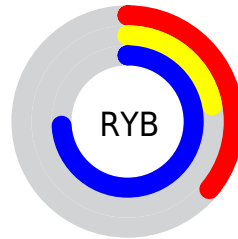
Distribution



Red (36%)

Green (22%)

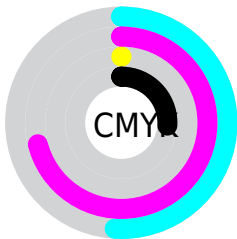
Blue (74%)



Red (36%)

Yellow (22%)

Blue (74%)

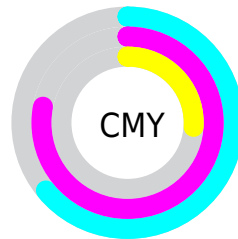


Cyan (51%)

Magenta (71%)

Yellow (0%)

Black (26%)



Cyan (64%)

Magenta (78%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D37BD 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 5D37BD by changing the saturation by 10% instead.

■ 5D37BD

■ 5D37BD

FFFFFF

■ 3F1EA1

■ 9769F6

■ 190286

■ B483FF

■ 00006C

■ D29EFF

■ 000053

■ F0B9FF

■ 00063B

■ FFD5FF

■ 000224

■ FFF2FF

■ 00000C

■ 000000

■ 5D37BD

■ 5D37BD

■ 4F24BD

■ 6B4ABD

■ 4211BD

■ 785DBD

■ 3600BD

■ 8670BD

■ 9383BD

■ A196BD

■ AEA8BD

■ BCBBBD

■ C9CEBD

■ D7E1BD

Harmonies

Analogous

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



0059D7



5D37BD



A70087

Triad

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



5D37BD



8D3B00



006B62

Complementary

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



5D37BD



97BD37

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.



00691A



5D37BD



595600

Square

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



5D37BD



B10004



006300



006CA1

Rectangle

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



5D37BD



BB005D



006300



006B4B

Sweetspot

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



5D37BD



D0C1F5



3797BD



645C7A



FAFAFA



7A7A7A

Same Dimension

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



5D37BD



6025F5



A037BD



58555E



2D009E



09001F

Inverse Universe

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



BD3797



F525BA



54BD37



5E555C



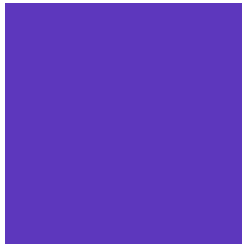
9E0071



1F0016

Previews

White Background



This preview shows how the Hex color 5D37BD 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

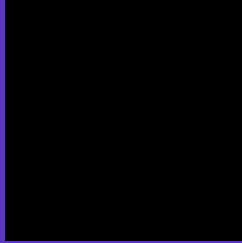
Any Text WCAG AA × Fail

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 5D37BD Background



This preview shows how black text looks on a background with the Hex color 5D37BD.

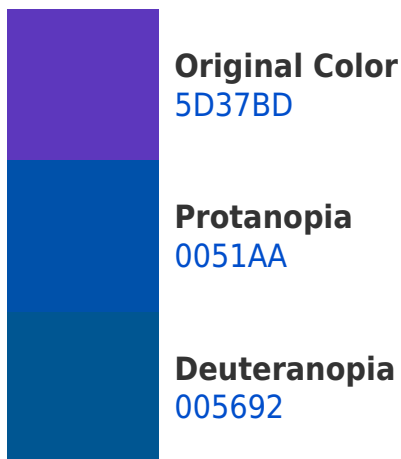


This preview shows how white text looks on a background with the Hex color 5D37BD.

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
41575E

Trichromacy



Original Color
5D37BD



Protanomaly
2248B1



Deuteranomaly
224BA2



Tritanomaly
4B4B81

Monochromacy



Original Color
5D37BD



Achromatopsia
525252



Achromatomaly
564879

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D37BD 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 #5D37BD looks like.

```
.text, #text, p{  
    color:#5D37BD  
}
```

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 #5D37BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D37BD
}
```

Border

The CSS property to change the border of an element to Hex 5D37BD 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".

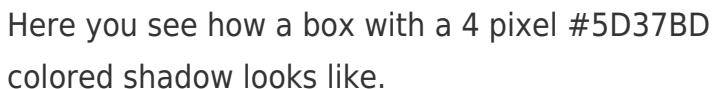
```
.border, #border, table{ border:4px solid
#5D37BD }
```

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

```
.border{ border-color:#5D37BD }
```

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

Here you see how a box with a 4 pixel #5D37BD colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D37BD; -webkit-box-shadow:4px 4px  
4px 4px #5D37BD; box-shadow:4px 4px 4px  
4px #5D37BD }
```

Background

The CSS property to change the background color of an element to Hex 5D37BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D37BD }
```

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

```
.background{ background-color:#5D37BD }
```

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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