

Converting Colors

Hex(5F33B5)

Have a look what the booklet for
Hex(5F33B5) contains.

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Color

Hex(5F33B5)

Conversions

Conversions Part 1

Format	Color
Hex	5F33B5
RGB	95, 51, 181
RGB Percent	37%, 20%, 71%
CMY	0.6275, 0.8000, 0.2902
CMYK	0.48, 0.72, 0.00, 0.29
HSL	260°, 56%, 45%
HSV	260°, 72%, 71%
XYZ	14.2436, 8.1367, 44.5359
YIQ	78.9760, -15.5060, 49.7580

Conversions

Conversions Part 2

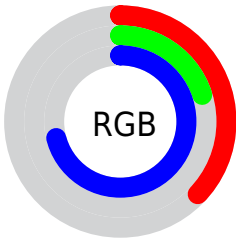
Format	Color
R _Y B	95, 51, 181
Decimal	6239157
CIE Lab	34.27, 48.92, -61.80
CIE LCh	34, 78.814, 308.365
Yxy	8.1367, 0.2129, 0.1216
Android (android.graphics.Color)	4284429237 (0xFF5F33B5)
YUV	78.9760, 50.2978, 14.0530
Hunter-Lab	28.5250, 39.2133, -72.6017

Details

The Hex color **5F33B5** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **89B533**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **9865EE**, and **20007F** is the 20% darker color. If you saturate the color by 10%, you get **5321B5**, and if you desaturate by 10%, it is **6B45B5**.

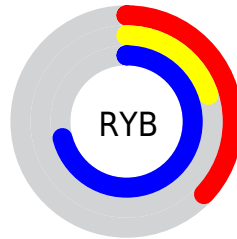
Distribution



Red (37%)

Green (20%)

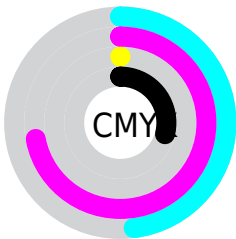
Blue (71%)



Red (37%)

Yellow (20%)

Blue (71%)

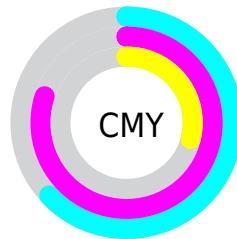


Cyan (48%)

Magenta (72%)

Yellow (0%)

Black (29%)



Cyan (63%)

Magenta (80%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F33B5 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 5F33B5 by changing the saturation by 10% instead.

5F33B5

5F33B5

FFFFFF

421A9A

9865EE

20007F

B57FFF

000065

D39AFF

00004C

F0B5FF

000434

FFD1FF

00021E

FFEEFF

000000

5F33B5

5F33B5

5321B5

6B45B5

470FB5

7757B5

3D00B5

8369B5

8F7BB5

9B8EB5

A7A0B5

B3B2B5

BFC4B5

CBD6B5

Harmonies

Analogous

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



0055D0



5F33B5



A40080

Triad

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



5F33B5



873B00



006861

Complementary

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



5F33B5



89B533

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.



00661D



5F33B5



545400

Square

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



5F33B5



AA0000



006000



00689E

Rectangle

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



5F33B5



B50057



006000



00674B

Sweetspot

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



5F33B5



C8B7EB



338AB5



615775



F5F5F5



757575

Same Dimension

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



5F33B5



6521EB



9F33B5



535059



340099



09001A

Inverse Universe

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



B53389



EB21A6



49B533



595056



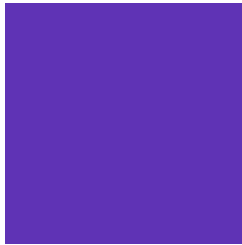
990065



1A0011

Previews

White Background



This preview shows how the Hex color 5F33B5 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

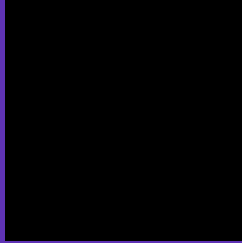
Any Text WCAG AA × Fail

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 5F33B5 Background



This preview shows how black text looks on a background with the Hex color 5F33B5.

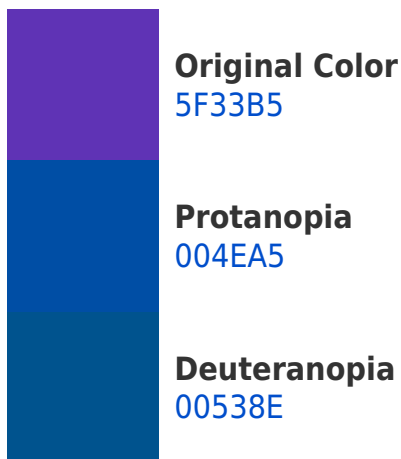


This preview shows how white text looks on a background with the Hex color 5F33B5.

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
465359

Trichromacy



Original Color
5F33B5



Protanomaly
2344AB



Deuteranomaly
23479C



Tritanomaly
4F477A

Monochromacy



Original Color
5F33B5



Achromatopsia
4F4F4F



Achromatomaly
554574

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F33B5 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 #5F33B5 looks like.

```
.text, #text, p{  
    color:#5F33B5  
}
```

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 #5F33B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F33B5
}
```

Border

The CSS property to change the border of an element to Hex 5F33B5 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
#5F33B5 }
```

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

```
.border{ border-color:#5F33B5 }
```

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

Here you see how a box with a 4 pixel #5F33B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F33B5; -webkit-box-shadow:4px 4px  
4px 4px #5F33B5; box-shadow:4px 4px 4px  
4px #5F33B5 }
```

Background

The CSS property to change the background color of an element to Hex 5F33B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F33B5 }
```

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

```
.background{ background-color:#5F33B5 }
```

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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