

Converting Colors

Hex(5E37F3)

Have a look what the booklet for
Hex(5E37F3) contains.

Hex(5E37F3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(5E37F3)

Conversions

Conversions Part 1

Format	Color
Hex	5E37F3
RGB	94, 55, 243
RGB Percent	37%, 22%, 95%
CMY	0.6314, 0.7843, 0.0471
CMYK	0.61, 0.77, 0.00, 0.05
HSL	252°, 89%, 58%
HSV	252°, 77%, 95%
XYZ	22.1599, 11.5831, 85.8618
YIQ	88.0930, -37.1040, 66.7360

Conversions

Conversions Part 2

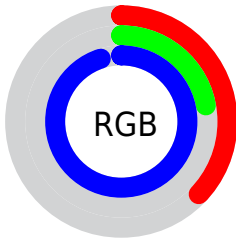
Format	Color
R_{YB}	94, 55, 243
Decimal	6174707
CIE _{Lab}	40.55, 64.01, -87.28
CIE _{LCh}	41, 108.236, 306.253
Yxy	11.5831, 0.1853, 0.0968
Android (android.graphics.Color)	4284364787 (0xFF5E37F3)
YUV	88.0930, 76.3692, 5.1804
Hunter-Lab	34.0340, 56.6640, -125.7545

Details

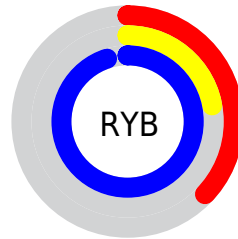
The Hex color **5E37F3** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **CCF337**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A06BFF**, and **0000B9** is the 20% darker color. If you saturate the color by 10%, you get **4B1FF3**, and if you desaturate by 10%, it is **714FF3**.

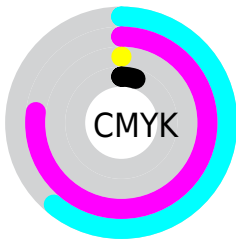
Distribution



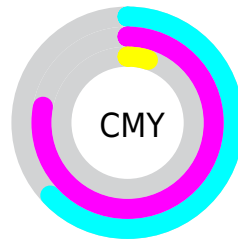
- Red (37%)
- Green (22%)
- Blue (95%)



- Red (37%)
- Yellow (22%)
- Blue (95%)



- Cyan (61%)
- Magenta (77%)
- Yellow (0%)
- Black (5%)



- Cyan (63%)
- Magenta (78%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E37F3 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 5E37F3 by changing the saturation by 10% instead.

 5E37F3

 5E37F3

FFFFFF

 371BD6

 A06BFF

 0000B9

 BF86FF

 00009D

 DEA1FF

 000082

 FEBDFF

 000068

 FFDAFF

 000A4F

 FFF7FF

 000537

 000220

 000005

■ 5E37F3

■ 5E37F3

■ 4B1FF3

■ 714FF3

■ 3706F3

■ 8568F3

■ 3200F3

■ 9880F3

■ AB98F3

■ BEB0F3

■ D2C9F3

■ E5E1F3

■ F8F9F3

■ FFFFF3

Harmonies

Analogous

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



006AFF



5E37F3



CF00A9

Triad

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



5E37F3



AB3A00



007D71

Complementary

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



5E37F3



CCF337

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.



007A01



5E37F3



656300

Square

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



5E37F3



DC0000



007400



007FC9

Rectangle

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



5E37F3



E9006F



007400



007C52

Sweetspot

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



5E37F3



D1C4FF



37CDF3



635C80



000000



808080

Same Dimension

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



5E37F3



4312FF



BB37F3



716E7A



2700BA



0C003B

Inverse Universe

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



F337CC



FF12CE



6FF337



7A6E78



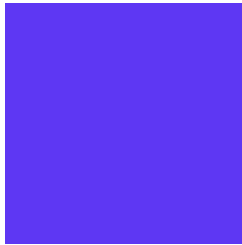
BA0094



3B002E

Previews

White Background



This preview shows how the Hex color 5E37F3 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

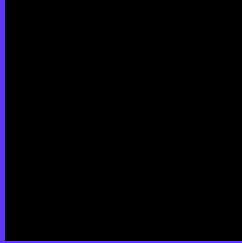
Any Text WCAG AA × Fail

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 5E37F3 Background



This preview shows how black text looks on a background with the Hex color 5E37F3.

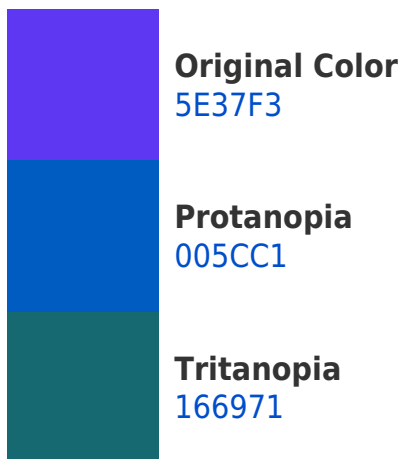


This preview shows how white text looks on a background with the Hex color 5E37F3.

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
5E37F3



Protanomaly
224FD3



Tritanomaly
3057A0

Monochromacy



Original Color
5E37F3



Achromatopsia
585858



Achromatomaly
5A4C90

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E37F3 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 #5E37F3 looks like.

```
.text, #text, p{  
    color:#5E37F3  
}
```

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 #5E37F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E37F3
}
```

Border

The CSS property to change the border of an element to Hex 5E37F3 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
#5E37F3 }
```

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

```
.border{ border-color:#5E37F3 }
```

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

Here you see how a box with a 4 pixel #5E37F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E37F3; -webkit-box-shadow:4px 4px  
4px 4px #5E37F3; box-shadow:4px 4px 4px  
4px #5E37F3 }
```

Background

The CSS property to change the background color of an element to Hex 5E37F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E37F3 }
```

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

```
.background{ background-color:#5E37F3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor