

Converting Colors

Hex(5A3EF7)

Have a look what the booklet for
Hex(5A3EF7) contains.

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Color

Hex(5A3EF7)

Conversions

Conversions Part 1

Format	Color
Hex	5A3EF7
RGB	90, 62, 247
RGB Percent	35%, 24%, 97%
CMY	0.6471, 0.7569, 0.0314
CMYK	0.64, 0.75, 0.00, 0.03
HSL	249°, 92%, 61%
HSV	249°, 75%, 97%
XYZ	22.7276, 12.3343, 89.1786
YIQ	91.4620, -42.6970, 63.4710

Conversions

Conversions Part 2

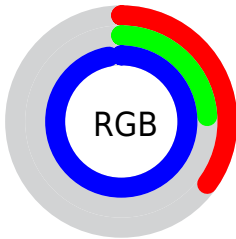
Format	Color
RYB	90, 62, 247
Decimal	5914359
CIELab	41.74, 61.45, -87.57
CIELCh	42, 106.979, 305.060
Yxy	12.3343, 0.1829, 0.0993
Android (android.graphics.Color)	4284104439 (0xFF5A3EF7)
YUV	91.4620, 76.6802, -1.2822
Hunter-Lab	35.1202, 54.0534, -125.9672

Details

The Hex color **5A3EF7** 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 **DBF73E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9D72FF**, and **0006BD** is the 20% darker color. If you saturate the color by 10%, you get **4525F7**, and if you desaturate by 10%, it is **6F57F7**.

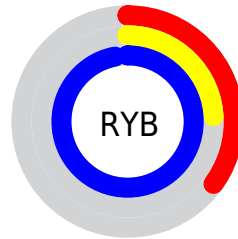
Distribution



Red (35%)

Green (24%)

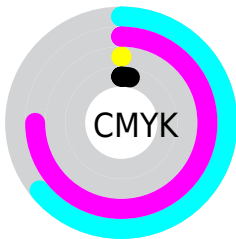
Blue (97%)



Red (35%)

Yellow (24%)

Blue (97%)

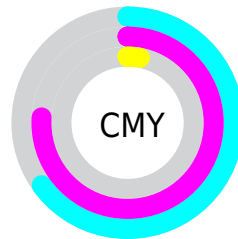


Cyan (64%)

Magenta (75%)

Yellow (0%)

Black (3%)



Cyan (65%)

Magenta (76%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3EF7 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 5A3EF7 by changing the saturation by 10% instead.

■ 5A3EF7

■ 5A3EF7

FFFFFF

■ 3124DA

■ 9D72FF

■ 0006BD

■ BC8CFF

■ 0000A1

■ DCA7FF

■ 000086

■ FBC3FF

■ 00006B

■ FFE0FF

■ 000B52

■ FFFDFF

■ 00053A

■ 000223

■ 00000B

■ 5A3EF7

■ 5A3EF7

■ 4525F7

■ 6F57F7

■ 300DF7

■ 846FF7

■ 2500F7

■ 9988F7

■ AEA1F7

■ C3BAF7

■ D8D2F7

■ EDEBF7

■ FFFFF7

Harmonies

Analogous

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



006DFF



5A3EF7



CF00AF

Triad

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



5A3EF7



B03B00



008070

Complementary

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



5A3EF7



DBF73E

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.



007D00



5A3EF7



6C6500

Square

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



5A3EF7



E00000



007700



0082C8

Rectangle

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



5A3EF7



EB0075



007700



008051

Sweetspot

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



5A3EF7



CFC7FF



3EDBF7



635E80



000000



808080

Same Dimension

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



5A3EF7



3C19FF



B63EF7



706E7A



1C00BA



09003B

Inverse Universe

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



F73EDB



FF19DC



7FF73E



7A6E79



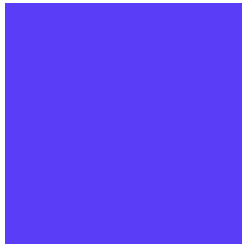
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 5A3EF7 looks on a white background.

Color Contrast Check

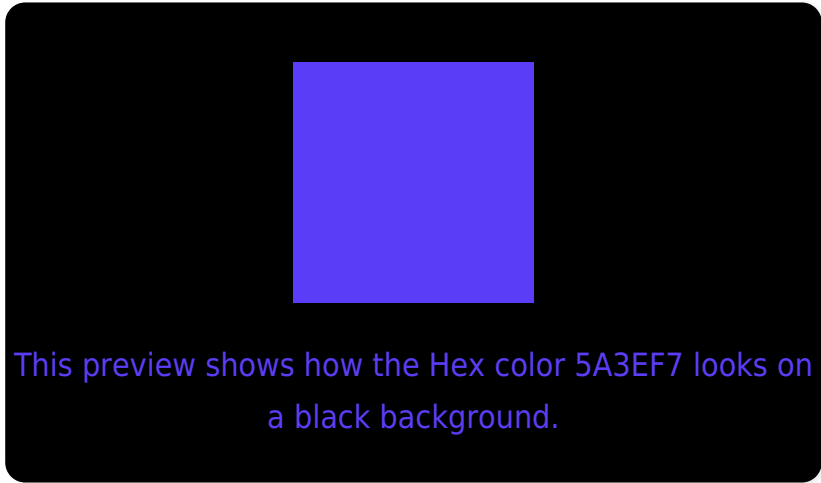
Large Text (above 18pt) WCAG AA ✓ Pass

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

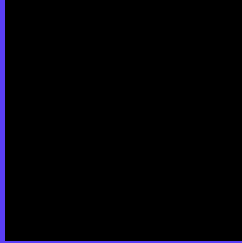
Any Text WCAG AA × Fail

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 5A3EF7 Background



This preview shows how black text looks on a background with the Hex color 5A3EF7.

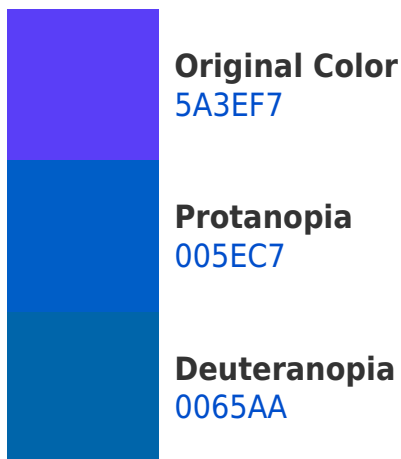


This preview shows how white text looks on a background with the Hex color 5A3EF7.

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
006C75

Trichromacy



Original Color
5A3EF7



Protanomaly
2152D8



Deuteranomaly
2157C6



Tritanomaly
215BA4

Monochromacy



Original Color
5A3EF7



Achromatopsia
5B5B5B



Achromatomaly
5B5094

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3EF7 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 #5A3EF7 looks like.

```
.text, #text, p{  
    color:#5A3EF7  
}
```

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 #5A3EF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3EF7
}
```

Border

The CSS property to change the border of an element to Hex 5A3EF7 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
#5A3EF7 }
```

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

```
.border{ border-color:#5A3EF7 }
```

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

Here you see how a box with a 4 pixel #5A3EF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3EF7; -webkit-box-shadow:4px 4px  
4px 4px #5A3EF7; box-shadow:4px 4px 4px  
4px #5A3EF7 }
```

Background

The CSS property to change the background color of an element to Hex 5A3EF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3EF7 }
```

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

```
.background{ background-color:#5A3EF7 }
```

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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