

Converting Colors

Hex(5F46EC)

Have a look what the booklet for
Hex(5F46EC) contains.

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Color

Hex(5F46EC)

Conversions

Conversions Part 1

Format	Color
Hex	5F46EC
RGB	95, 70, 236
RGB Percent	37%, 27%, 93%
CMY	0.6275, 0.7255, 0.0745
CMYK	0.60, 0.70, 0.00, 0.07
HSL	249°, 81%, 60%
HSV	249°, 70%, 93%
XYZ	22.0498, 12.8693, 80.6788
YIQ	96.3990, -38.3860, 56.9260

Conversions

Conversions Part 2

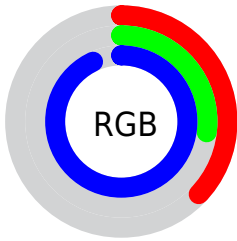
Format	Color
R_{YB}	95, 70, 236
Decimal	6244076
CIE _{Lab}	42.57, 54.79, -80.00
CIE _{LCh}	43, 96.966, 304.404
Yxy	12.8693, 0.1907, 0.1113
Android (android.graphics.Color)	4284434156 (0xFF5F46EC)
YUV	96.3990, 68.8233, -1.2269
Hunter-Lab	35.8739, 46.9354, -108.2289

Details

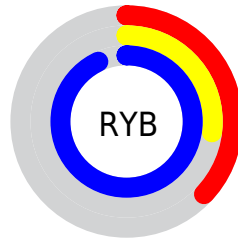
The Hex color **5F46EC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **D3EC46**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **9E79FF**, and **0014B3** is the 20% darker color. If you saturate the color by 10%, you get **4B2EEC**, and if you desaturate by 10%, it is **735EEC**.

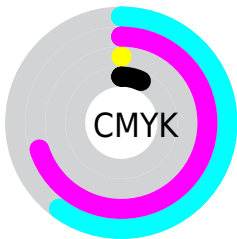
Distribution



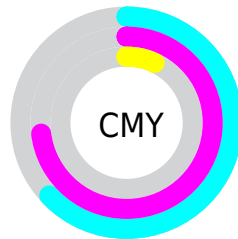
- Red (37%)
- Green (27%)
- Blue (93%)



- Red (37%)
- Yellow (27%)
- Blue (93%)



- Cyan (60%)
- Magenta (70%)
- Yellow (0%)
- Black (7%)



- Cyan (63%)
- Magenta (73%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F46EC 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 5F46EC by changing the saturation by 10% instead.

■ 5F46EC

■ 5F46EC

FFFFFF

■ 3B2DCF

■ 9E79FF

■ 0014B3

■ BD93FF

■ 000097

■ DCAFFF

■ 00007C

■ FBCAFF

■ 000062

■ FFE7FF

■ 000949

■ 000432

■ 00011C

■ 000000

 5F46EC

 5F46EC

 4B2EEC

 735EEC

 3717EC

 8775EC

 2400EC

 9B8DEC

 AFA4EC

 C3BCEC

 D7D4EC

 EBEBEC

 FFFFEC

Harmonies

Analogous

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



006EFF



5F46EC



C700AB

Triad

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



5F46EC



AF4100



00816F

Complementary

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



5F46EC



D3EC46

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.



007E10



5F46EC



716600

Square

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



5F46EC



DA000B



007700



0082BF

Rectangle

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



5F46EC



E20077



007700



008153

Sweetspot

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



5F46EC



D2C9FF



46D3EC



646080



000000



808080

Same Dimension

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



5F46EC



4929FF



B246EC



6B6A75



1B00B5



080036

Inverse Universe

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



EC46D3



FF29DF



80EC46



756A74



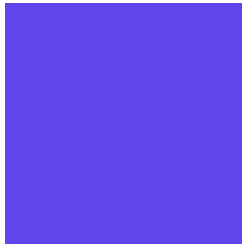
B5009A



36002D

Previews

White Background



This preview shows how the Hex color 5F46EC looks on a white background.

Color Contrast Check

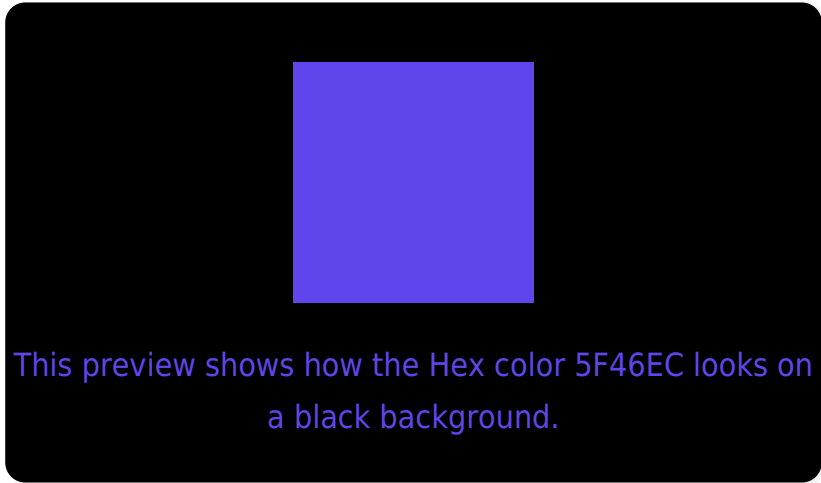
Large Text (above 18pt) WCAG AA ✓ Pass

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

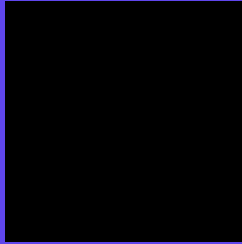
Any Text WCAG AA × Fail

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 5F46EC Background



This preview shows how black text looks on a background with the Hex color 5F46EC.




This preview shows how white text looks on a background with the Hex color 5F46EC.

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](#).

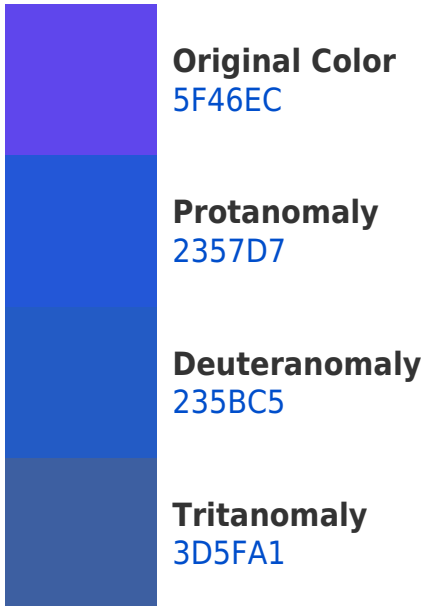
Dichromacy





Tritanopia
296D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F46EC 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 #5F46EC looks like.

```
.text, #text, p{  
    color:#5F46EC  
}
```

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 #5F46EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F46EC
}
```

Border

The CSS property to change the border of an element to Hex 5F46EC 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
#5F46EC }
```

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

```
.border{ border-color:#5F46EC }
```

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

Here you see how a box with a 4 pixel #5F46EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F46EC; -webkit-box-shadow:4px 4px  
4px 4px #5F46EC; box-shadow:4px 4px 4px  
4px #5F46EC }
```

Background

The CSS property to change the background color of an element to Hex 5F46EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F46EC }
```

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

```
.background{ background-color:#5F46EC }
```

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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