

Converting Colors

Hex(5E2FF8)

Have a look what the booklet for
Hex(5E2FF8) contains.

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Color

Hex(5E2FF8)

Conversions

Conversions Part 1

Format	Color
Hex	5E2FF8
RGB	94, 47, 248
RGB Percent	37%, 18%, 97%
CMY	0.6314, 0.8157, 0.0275
CMYK	0.62, 0.81, 0.00, 0.03
HSL	254°, 93%, 58%
HSV	254°, 81%, 97%
XYZ	22.5759, 11.1900, 89.7769
YIQ	83.9670, -36.5090, 72.4750

Conversions

Conversions Part 2

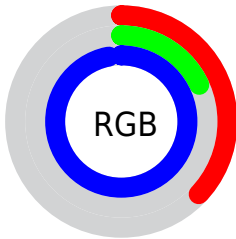
Format	Color
R _Y B	94, 47, 248
Decimal	6172664
CIE Lab	39.90, 68.71, -91.16
CIE LCh	40, 114.157, 307.004
Yxy	11.1900, 0.1827, 0.0906
Android (android.graphics.Color)	4284362744 (0xFF5E2FF8)
YUV	83.9670, 80.8683, 8.7989
Hunter-Lab	33.4515, 61.9267, -135.7061

Details

The Hex color **5E2FF8** 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 **C9F82F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **A165FF**, and **0000BE** is the 20% darker color. If you saturate the color by 10%, you get **4B16F8**, and if you desaturate by 10%, it is **7148F8**.

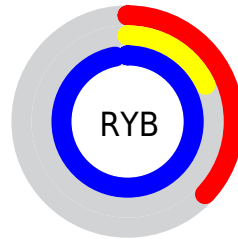
Distribution



Red (37%)

Green (18%)

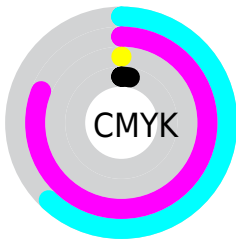
Blue (97%)



Red (37%)

Yellow (18%)

Blue (97%)

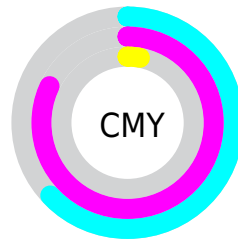


Cyan (62%)

Magenta (81%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (82%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2FF8 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 5E2FF8 by changing the saturation by 10% instead.

 5E2FF8

 5E2FF8

FFFFFF

 350EDB

 A165FF

 0000BE

 C180FF

 0000A2

 E09BFF

 000087

 FFB7FF


 00006C

 FFD4FF

 000B53

 FFF1FF

 00063A

 000224

 00000C

■ 5E2FF8

■ 5E2FF8

■ 4B16F8

■ 7148F8

■ 3A00F8

■ 8461F8

■ 9779F8

■ AA92F8

■ BDABF8

■ D0C4F8

■ E3DDF8

■ F6F5F8

■ FFFFF8

Harmonies

Analogous

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



0069FF



5E2FF8



D400A9

Triad

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



5E2FF8



AA3700



007C73

Complementary

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



5E2FF8



C9F82F

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.



007900



5E2FF8



606300

Square

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



5E2FF8



DE0000



007300



007FCF

Rectangle

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



5E2FF8



EE006C



007300



007B52

Sweetspot

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



5E2FF8



D0C2FF



2FC9F8



635B80



000000



808080

Same Dimension

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



5E2FF8



4108FF



C22FF8



73707D



2C00BD



0E003D

Inverse Universe

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



F82FC9



FF08C5



65F82F



7D707A



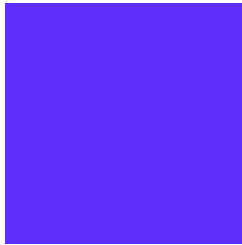
BD0091



3D002F

Previews

White Background



This preview shows how the Hex color 5E2FF8 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

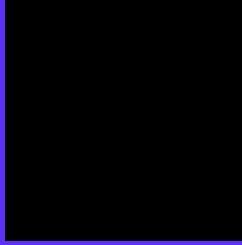
Any Text WCAG AA × Fail

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 5E2FF8 Background



This preview shows how black text looks on a background with the Hex color 5E2FF8.



This preview shows how white text looks on a background with the Hex color 5E2FF8.

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
5E2FF8

Deuteranomaly
224EC1

Tritanomaly
2253A1

Monochromacy



Original Color
5E2FF8

Achromatopsia
545454

Achromatomaly
584790

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2FF8 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 #5E2FF8 looks like.

```
.text, #text, p{  
    color:#5E2FF8  
}
```

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 #5E2FF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2FF8
}
```

Border

The CSS property to change the border of an element to Hex 5E2FF8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

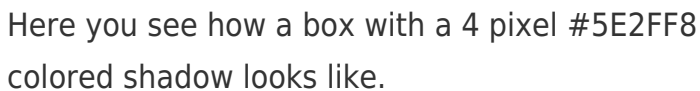
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E2FF8 }
```

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

```
.border{ border-color:#5E2FF8 }
```

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



Here you see how a box with a 4 pixel #5E2FF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2FF8; -webkit-box-shadow:4px 4px  
4px 4px #5E2FF8; box-shadow:4px 4px 4px  
4px #5E2FF8 }
```

Background

The CSS property to change the background color of an element to Hex 5E2FF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2FF8 }
```

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

```
.background{ background-color:#5E2FF8 }
```

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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