

Converting Colors

Hex(5E2CF2)

Have a look what the booklet for
Hex(5E2CF2) contains.

Hex(5E2CF2)	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>	29

Color

Hex(5E2CF2)

Conversions

Conversions Part 1

Format	Color
Hex	5E2CF2
RGB	94, 44, 242
RGB Percent	37%, 17%, 95%
CMY	0.6314, 0.8275, 0.0510
CMYK	0.61, 0.82, 0.00, 0.05
HSL	255°, 88%, 56%
HSV	255°, 82%, 95%
XYZ	21.5438, 10.5919, 84.9133
YIQ	81.5220, -33.7580, 72.1780

Conversions

Conversions Part 2

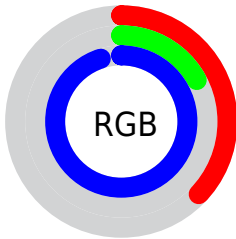
Format	Color
RYB	94, 44, 242
Decimal	6171890
CIELab	38.88, 68.29, -89.46
CIElCh	39, 112.548, 307.354
Yxy	10.5919, 0.1841, 0.0905
Android (android.graphics.Color)	4284361970 (0xFF5E2CF2)
YUV	81.5220, 79.1157, 10.9432
Hunter-Lab	32.5451, 61.2071, -131.9117

Details

The Hex color **5E2CF2** 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 **C0F22C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **A062FF**, and **0000B8** is the 20% darker color. If you saturate the color by 10%, you get **4C14F2**, and if you desaturate by 10%, it is **7044F2**.

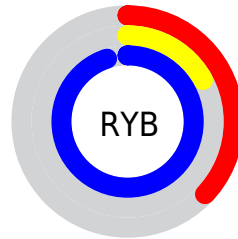
Distribution



Red (37%)

Green (17%)

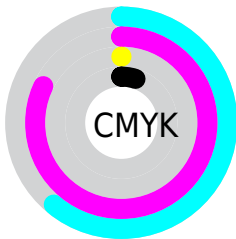
Blue (95%)



Red (37%)

Yellow (17%)

Blue (95%)

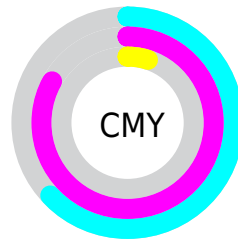


Cyan (61%)

Magenta (82%)

Yellow (0%)

Black (5%)



Cyan (63%)

Magenta (83%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E2CF2 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 5E2CF2 by changing the saturation by 10% instead.

■ 5E2CF2

■ 5E2CF2

FFFFFF

■ 3709D5

■ A062FF

■ 0000B8

■ C07DFF

■ 00009C

■ DF99FF

■ 000081

■ FFB5FF

■ 000267

■ FFD1FF

■ 000A4E

■ FFEEFF

■ 000536

■ 000220

■ 000003

 5E2CF2

 5E2CF2

 4C14F2

 7044F2

 3D00F2

 825CF2

 9475F2

 A68DF2

 B8A5F2

 CBBDF2

 DDD5F2

 EFEEF2

 FFFFF2

Harmonies

Analogous

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



0066FF



5E2CF2



D000A4

Triad

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



5E2CF2



A53600



007971

Complementary

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



5E2CF2



C0F22C

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.



007600



5E2CF2



5C6000

Square

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



5E2CF2



D90000



007000



007BCC

Rectangle

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



5E2CF2



E90068



007000



007851

Sweetspot

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



5E2CF2



CFBFFF



2CC0F2



635980



000000



808080

Same Dimension

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



5E2CF2



4405FF



C02CF2



6F6C78



2E00B8



0E0038

Inverse Universe

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



F22CC0



FF05C0



5EF22C



786C75



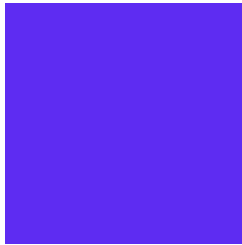
B80089



38002A

Previews

White Background



This preview shows how the Hex color 5E2CF2 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

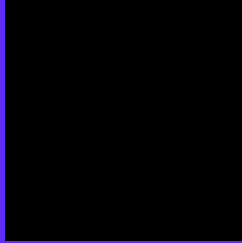
Any Text WCAG AA × Fail

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 5E2CF2 Background



This preview shows how black text looks on a background with the Hex color 5E2CF2.



This preview shows how white text looks on a background with the Hex color 5E2CF2.

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
14656D

Trichromacy



Original Color
5E2CF2



Protanomaly
2248CE



Deuteranomaly
224CBD



Tritanomaly
2F509D

Monochromacy



Original Color
5E2CF2



Achromatopsia
525252



Achromatomaly
56448C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5E2CF2 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 #5E2CF2 looks like.

```
.text, #text, p{  
    color:#5E2CF2  
}
```

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 #5E2CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2CF2
}
```

Border

The CSS property to change the border of an element to Hex 5E2CF2 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
#5E2CF2 }
```

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

```
.border{ border-color:#5E2CF2 }
```

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

Here you see how a box with a 4 pixel #5E2CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2CF2; -webkit-box-shadow:4px 4px  
4px 4px #5E2CF2; box-shadow:4px 4px 4px  
4px #5E2CF2 }
```

Background

The CSS property to change the background color of an element to Hex 5E2CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2CF2 }
```

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

```
.background{ background-color:#5E2CF2 }
```

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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