

Converting Colors

Hex(530CF5)

Have a look what the booklet for
Hex(530CF5) contains.

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Color

Hex(530CF5)

Conversions

Conversions Part 1

Format	Color
Hex	530CF5
RGB	83, 12, 245
RGB Percent	33%, 5%, 96%
CMY	0.6745, 0.9529, 0.0392
CMYK	0.66, 0.95, 0.00, 0.04
HSL	258°, 92%, 50%
HSV	258°, 95%, 96%
XYZ	20.1802, 8.6945, 87.0008
YIQ	59.7910, -32.4770, 87.5150

Conversions

Conversions Part 2

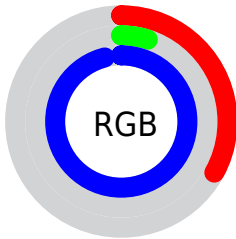
Format	Color
R _Y B	83, 12, 245
Decimal	5442805
CIE Lab	35.39, 76.78, -96.99
CIE LCh	35, 123.699, 308.367
Yxy	8.6945, 0.1742, 0.0750
Android (android.graphics.Color)	4283632885 (0xFF530CF5)
YUV	59.7910, 91.3080, 20.3543
Hunter-Lab	29.4865, 70.5619, -154.2966

Details

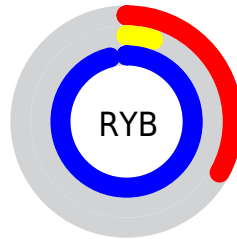
The Hex color **530CF5** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **AEF50C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **994FFF**, and **0000BB** is the 20% darker color. If you saturate the color by 10%, you get **4B00F5**, and if you desaturate by 10%, it is **6424F5**.

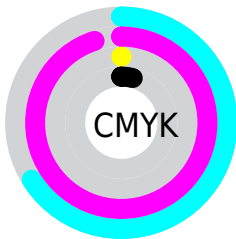
Distribution



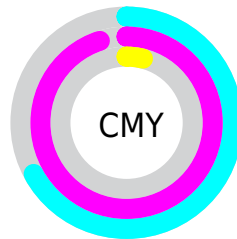
- Red (33%)
- Green (5%)
- Blue (96%)



- Red (33%)
- Yellow (5%)
- Blue (96%)



- Cyan (66%)
- Magenta (95%)
- Yellow (0%)
- Black (4%)



- Cyan (67%)
- Magenta (95%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 530CF5 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 530CF5 by changing the saturation by 10% instead.

 530CF5

 530CF5


FFFFFF

 2200D8

 994FFF

 0000BB

 BA6BFF

 00009F

 DA87FF

 000084

 FAA3FF

 000869

 FFC0FF

 000A50

 FFDDFF

 000538

 FFFAFF

 000221

 000007

■ 530CF5

■ 530CF5

■ 4B00F5

■ 6424F5

■ 753DF5

■ 8656F5

■ 976EF5

■ A886F5

■ B99FF5

■ CAB7F5

■ DBD0F5

■ ECE9F5

Harmonies

Analogous

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



005FFF



530CF5



D2009F

Triad

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



530CF5



9D2A00



00706E

Complementary

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



530CF5



AEF50C

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.



006E00



530CF5



4D5900

Square

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



530CF5



D50000



006900



0074D0

Rectangle

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



530CF5



EA005E



006900



006F4B

Sweetspot

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



530CF5



CCB5FF



0CAFF5



605380



000000



808080

Same Dimension

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



530CF5



4E00FF



C60CF5



726E7A



3900BA



12003B

Inverse Universe

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



F50CAE



FF00B1



3BF50C



7A6E77



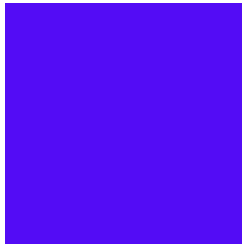
BA0081



3B0029

Previews

White Background



This preview shows how the Hex color 530CF5 looks on a white background.

Color Contrast Check

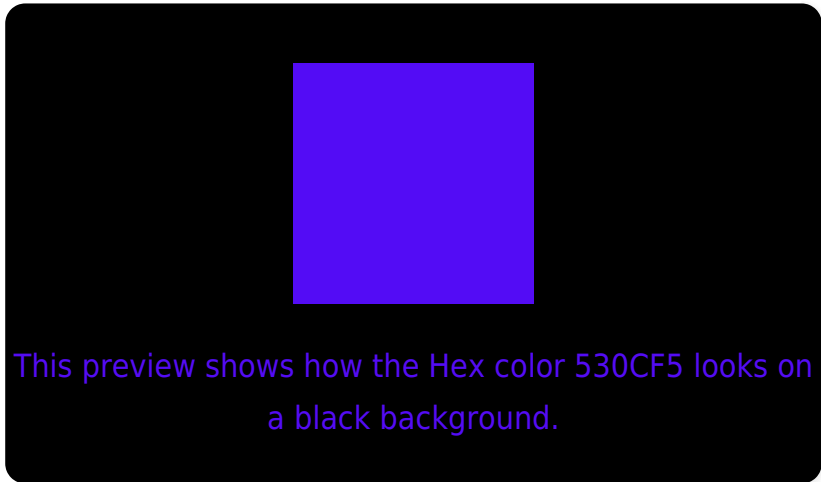
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

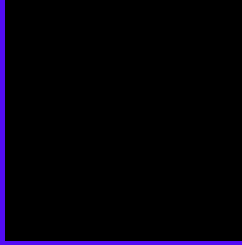
Any Text WCAG AA × Fail

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 530CF5 Background



This preview shows how black text looks on a background with the Hex color 530CF5.



This preview shows how white text looks on a background with the Hex color 530CF5.

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
005D63

Trichromacy



Original Color
530CF5

Protanomaly
1E38C5

Deuteranomaly
1E3BB5

Tritanomaly
1E4098

Monochromacy



Original Color
530CF5

Achromatopsia
3C3C3C

Achromatomaly
442B7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 530CF5 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 #530CF5 looks like.

```
.text, #text, p{  
    color:#530CF5  
}
```

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 #530CF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #530CF5
}
```

Border

The CSS property to change the border of an element to Hex 530CF5 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
#530CF5 }
```

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

```
.border{ border-color:#530CF5 }
```

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

Here you see how a box with a 4 pixel #530CF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #530CF5; -webkit-box-shadow:4px 4px  
4px 4px #530CF5; box-shadow:4px 4px 4px  
4px #530CF5 }
```

Background

The CSS property to change the background color of an element to Hex 530CF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#530CF5 }
```

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

```
.background{ background-color:#530CF5 }
```

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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