

Converting Colors

Hex(500CFB)

Have a look what the booklet for
Hex(500CFB) contains.

Hex(500CFB)	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(500CFB)

Conversions

Conversions Part 1

Format	Color
Hex	500CFB
RGB	80, 12, 251
RGB Percent	31%, 5%, 98%
CMY	0.6863, 0.9529, 0.0157
CMYK	0.68, 0.95, 0.00, 0.02
HSL	257°, 97%, 52%
HSV	257°, 95%, 98%
XYZ	20.8523, 8.9335, 91.8921
YIQ	59.5780, -36.1910, 88.7450

Conversions

Conversions Part 2

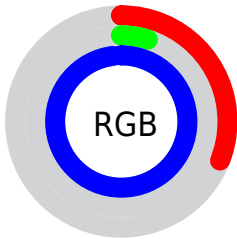
Format	Color
RYB	80, 12, 251
Decimal	5246203
CIELab	35.86, 78.04, -99.60
CIELCh	36, 126.532, 308.082
Yxy	8.9335, 0.1714, 0.0734
Android (android.graphics.Color)	4283436283 (0xFF500CFB)
YUV	59.5780, 94.3710, 17.9101
Hunter-Lab	29.8889, 72.2271, -161.3623

Details

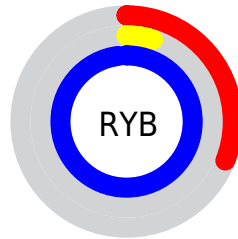
The Hex color **500CFB** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated blue. A complement of this color would be **B7FB0C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **9850FF**, and **0000C1** is the 20% darker color. If you saturate the color by 10%, you get **4700FB**, and if you desaturate by 10%, it is **6225FB**.

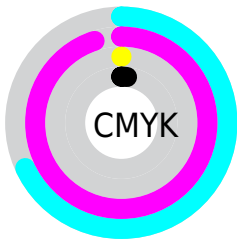
Distribution



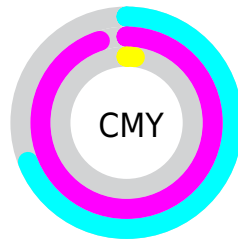
- Red (31%)
- Green (5%)
- Blue (98%)



- Red (31%)
- Yellow (5%)
- Blue (98%)



- Cyan (68%)
- Magenta (95%)
- Yellow (0%)
- Black (2%)



- Cyan (69%)
- Magenta (95%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 500CFB 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 500CFB by changing the saturation by 10% instead.

 500CFB

 500CFB

FFFFFF

 1800DD

 9850FF

 0000C1

 B96CFF

 0000A4

 D987FF

 000089

 F9A4FF

 00076E

 FFC0FF

 000C55

 FFDDFF

 00063C

 FFFBFF

 000226

 00010F

■ 500CFB

■ 500CFB

■ 4700FB

■ 6225FB

■ 743EFB

■ 8657FB

■ 9870FB

■ AA8AFB

■ BCA3FB

■ CEBCFB

■ E0D5FB

■ F2EEFB

Harmonies

Analogous

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



0061FF



500CFB



D500A3

Triad

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



500CFB



A02800



00726F

Complementary

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



500CFB



B7FB0C

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.



006F00



500CFB



4F5B00

Square

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



500CFB



D90000



006A00



0076D4

Rectangle

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



500CFB



EF0060



006A00



00714B

Sweetspot

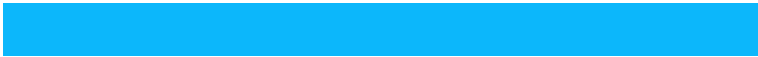
The Sweet Spot groups the original color and five complimentary colors.



500CFB



CAB5FF



0CB7FB



605380



000000



808080

Same Dimension

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



500CFB



4900FF



C70CFB



74707D



3600BD



11003D

Inverse Universe

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



FB0CB7



FF00B6



40FB0C



7D7079



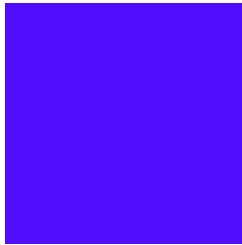
BD0087



3D002C

Previews

White Background



This preview shows how the Hex color 500CFB looks on a white background.

Color Contrast Check

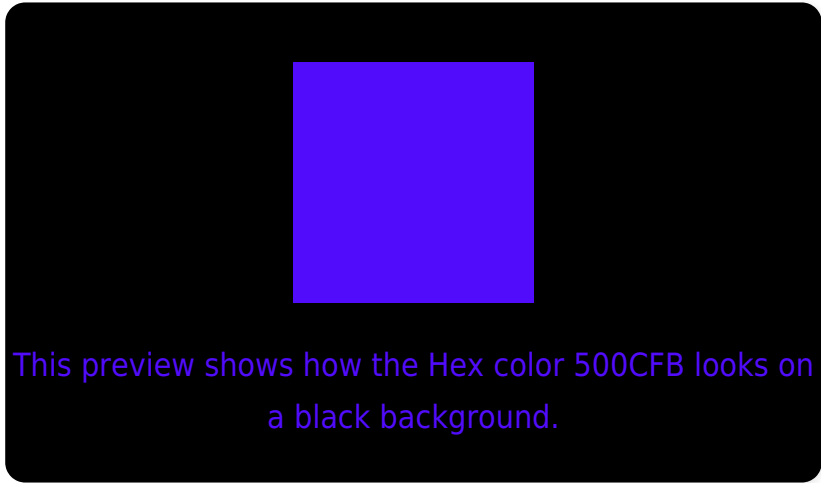
Large Text (above 18pt) WCAG AA ✓ Pass

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

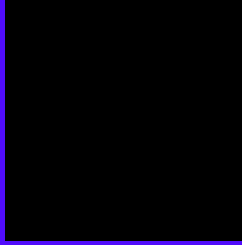
Any Text WCAG AA × Fail

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 500CFB Background



This preview shows how black text looks on a background with the Hex color 500CFB.



This preview shows how white text looks on a background with the Hex color 500CFB.

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



Original Color
500CFB

Protanopia
0052AB

Deuteranopia
005791



Tritanopia
005E64

Trichromacy



Original Color
500CFB

Protanomaly
1D39C8

Deuteranomaly
1D3CB8

Tritanomaly
1D409B

Monochromacy



Original Color
500CFB

Achromatopsia
3C3C3C

Achromatomaly
432B81

CSS Examples

Text

The CSS property to change the color of the text to Hex 500CFB 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 #500CFB looks like.

```
.text, #text, p{  
    color:#500CFB  
}
```

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 #500CFB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #500CFB
}
```

Border

The CSS property to change the border of an element to Hex 500CFB 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
#500CFB }
```

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

```
.border{ border-color:#500CFB }
```

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

Here you see how a box with a 4 pixel #500CFB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #500CFB; -webkit-box-shadow:4px 4px  
4px 4px #500CFB; box-shadow:4px 4px 4px  
4px #500CFB }
```

Background

The CSS property to change the background color of an element to Hex 500CFB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#500CFB }
```

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

```
.background{ background-color:#500CFB }
```

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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