

Converting Colors

Hex(5200EF)

Have a look what the booklet for
Hex(5200EF) contains.

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Color

Hex(5200EF)

Conversions

Conversions Part 1

Format	Color
Hex	5200EF
RGB	82, 0, 239
RGB Percent	32%, 0%, 94%
CMY	0.6784, 1.0000, 0.0627
CMYK	0.66, 1.00, 0.00, 0.06
HSL	261°, 100%, 47%
HSV	261°, 100%, 94%
XYZ	19.0597, 8.0258, 82.2059
YIQ	51.7640, -27.8470, 91.7130

Conversions

Conversions Part 2

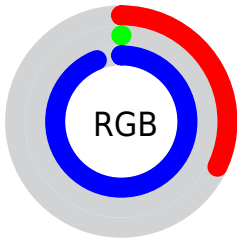
Format	Color
R_{YB}	82, 0, 239
Decimal	5374191
CIE _{Lab}	34.04, 76.98, -95.84
CIE _{LCh}	34, 122.934, 308.772
Yxy	8.0258, 0.1744, 0.0734
Android (android.graphics.Color)	4283564271 (0xFF5200EF)
YUV	51.7640, 92.3073, 26.5170
Hunter-Lab	28.3299, 70.5131, -152.2131

Details

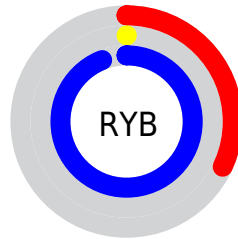
The Hex color **5200EF** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed blue. A complement of this color would be **9DEF00**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **984BFF**, and **0000B5** is the 20% darker color. If you saturate the color by 10%, you get **5200EF**, and if you desaturate by 10%, it is **6218EF**.

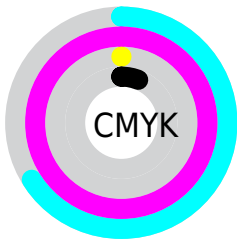
Distribution



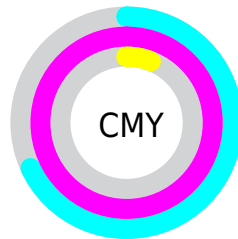
- Red (32%)
- Green (0%)
- Blue (94%)



- Red (32%)
- Yellow (0%)
- Blue (94%)



- Cyan (66%)
- Magenta (100%)
- Yellow (0%)
- Black (6%)



- Cyan (68%)
- Magenta (100%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5200EF 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 5200EF by changing the saturation by 10% instead.

5200EF

5200EF

FFFFFF

2200D2

984BFF

0000B5

B867FF

000099

D883FF

00007E

F89FFF

000A64

FFBBFF

00094B

FFD8FF

000433

FFF6FF

00021D

000000

 5200EF

 6218EF

 7130EF

 8148EF

 9160EF

 A077EF

 B08FEF

 C0A7EF

 D0BFEF

 DFD7EF

Harmonies

Analogous

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



005CFF



5200EF



CD0099

Triad

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



5200EF



972800



006C6C

Complementary

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



5200EF



9DEF00

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.



006A00



5200EF



485700

Square

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



5200EF



CF0000



006500



0070CD

Rectangle

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



5200EF



E5005A



006500



006B4A

Sweetspot

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



5200EF



CDB3FF



009FEF



615280



000000



808080

Same Dimension

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



5200EF



5700FF



C700EF



706C78



3F00B8



130038

Inverse Universe

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



EF009D



FF00A8



28EF00



786C74



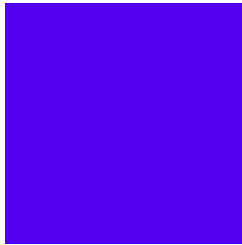
B80079



380025

Previews

White Background



This preview shows how the Hex color 5200EF looks on a white background.

Color Contrast Check

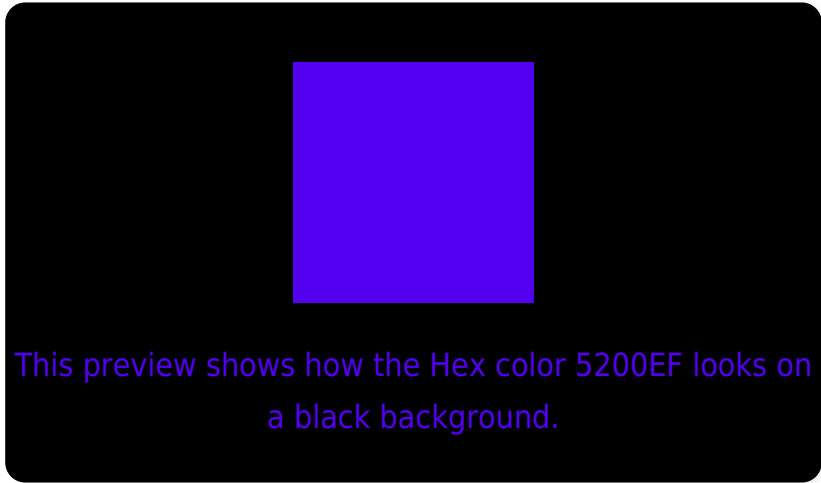
Large Text (above 18pt) WCAG AA ✓ Pass

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

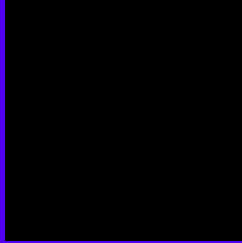
Any Text WCAG AA × Fail

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 5200EF Background



This preview shows how black text looks on a background with the Hex color 5200EF.



This preview shows how white text looks on a background with the Hex color 5200EF.

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
5200EF

Protanopia
004EA5

Deuteranopia
00548C



Tritanopia
005A60

Trichromacy



Original Color
5200EF

Protanomaly
1E32C0

Deuteranomaly
1E35B0

Tritanomaly
1E3994

Monochromacy



Original Color
5200EF

Achromatopsia
343434

Achromatomaly
3F2178

CSS Examples

Text

The CSS property to change the color of the text to Hex 5200EF 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 #5200EF looks like.

```
.text, #text, p{  
    color:#5200EF  
}
```

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 #5200EF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5200EF
}
```

Border

The CSS property to change the border of an element to Hex 5200EF is called "border". The border property can be set on classes, ids or directly on the HTML element.

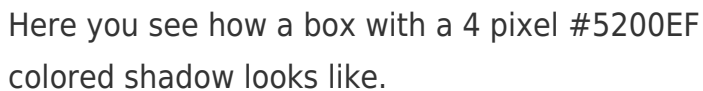
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5200EF }
```

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

```
.border{ border-color:#5200EF }
```

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



Here you see how a box with a 4 pixel #5200EF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5200EF; -webkit-box-shadow:4px 4px  
4px 4px #5200EF; box-shadow:4px 4px 4px  
4px #5200EF }
```

Background

The CSS property to change the background color of an element to Hex 5200EF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5200EF }
```

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

```
.background{ background-color:#5200EF }
```

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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