

Converting Colors

Hex(220EFD)

Have a look what the booklet for
Hex(220EFD) contains.

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Color

Hex(220EFD)

Conversions

Conversions Part 1

Format	Color
Hex	220EFD
RGB	34, 14, 253
RGB Percent	13%, 5%, 99%
CMY	0.8667, 0.9451, 0.0078
CMYK	0.87, 0.94, 0.00, 0.01
HSL	245°, 98%, 52%
HSV	245°, 94%, 99%
XYZ	18.5463, 7.7460, 93.4461
YIQ	47.2260, -64.7990, 78.5690

Conversions

Conversions Part 2

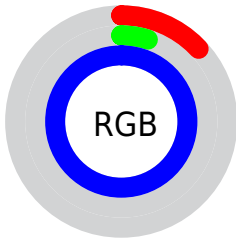
Format	Color
R_{YB}	34, 14, 253
Decimal	2232061
CIE _{Lab}	33.45, 76.87, -104.81
CIE _{LCh}	33, 129.975, 306.258
Yxy	7.7460, 0.1549, 0.0647
Android (android.graphics.Color)	4280422141 (0xFF220EFD)
YUV	47.2260, 101.4466, -11.5992
Hunter-Lab	27.8316, 70.2428, -179.5870

Details

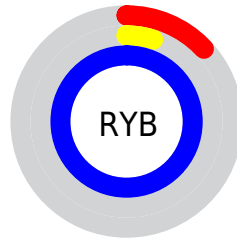
The Hex color **220EFD** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **E9FD0E**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **7F4DFF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **1500FD**, and if you desaturate by 10%, it is **3927FD**.

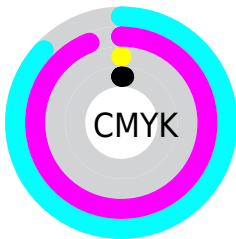
Distribution



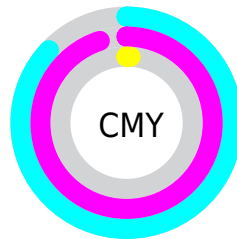
- Red (13%)
- Green (5%)
- Blue (99%)



- Red (13%)
- Yellow (5%)
- Blue (99%)



- Cyan (87%)
- Magenta (94%)
- Yellow (0%)
- Black (1%)



- Cyan (87%)
- Magenta (95%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220EFD 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 220EFD by changing the saturation by 10% instead.

 220EFD

 220EFD

FFFFFF

 0000DF

 7F4DFF

 0000C2

 A268FF

 0000A6

 C484FF

 00008B

 E5A0FF

 001070

 FFBCFF

 000C56

 FFD9FF

 00063E

 FFF6FF

 000327

 000111

■ 220EFD

■ 220EFD

■ 1500FD

■ 3927FD

■ 5041FD

■ 685AFD

■ 7F73FD

■ 968DFD

■ ADA6FD

■ C4BFFD

■ DBD8FD

■ F3F2FD

Harmonies

Analogous

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



005FFF



220EFD



CC00A5

Triad

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



220EFD



9E1500



006B63

Complementary

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



220EFD



E9FD0E

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.



006800



220EFD



4D5300

Square

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



220EFD



D60000



006400



006FCB

Rectangle

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



220EFD



E90061



006400



006A3F

Sweetspot

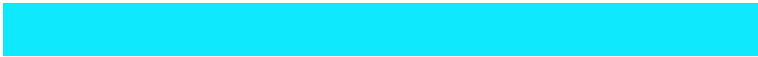
The Sweet Spot groups the original color and five complimentary colors.



220EFD



BEB8FF



0EE9FD



585480



000000



808080

Same Dimension

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



220EFD



1500FF



990EFD



747380



1000BF



050040

Inverse Universe

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



FD0EE9



FF00EA



72FD0E



80737E



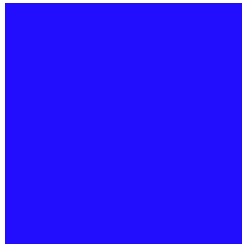
BF00AF



40003A

Previews

White Background



This preview shows how the Hex color 220EFD looks on a white background.

Color Contrast Check

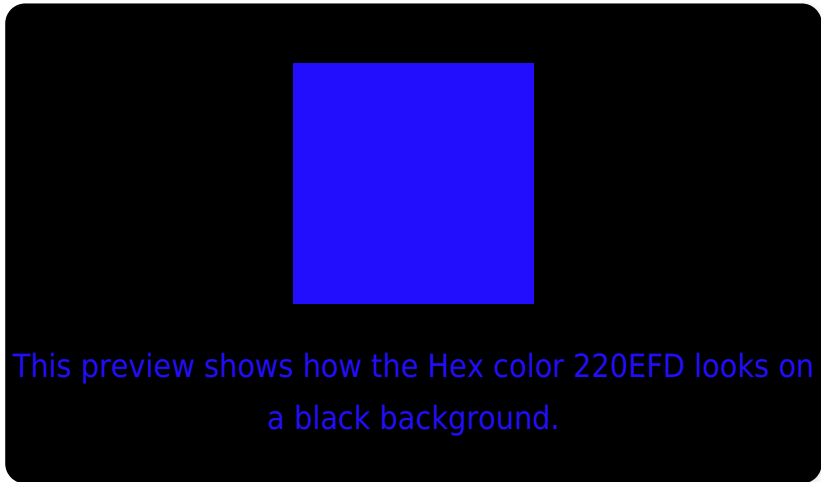
Large Text (above 18pt) WCAG AA ✓ Pass

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

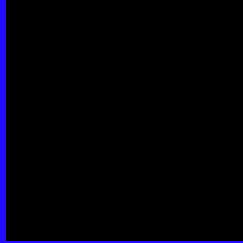
Any Text WCAG AA × Fail

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 220EFD Background



This preview shows how black text looks on a background with the Hex color 220EFD.



This preview shows how white text looks on a background with the Hex color 220EFD.

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
00575B

Trichromacy



Original Color
220EFD

Protanomaly
0C35C1

Deuteranomaly
0C39B1

Tritanomaly
0C3C96

Monochromacy



Original Color
220EFD

Achromatopsia
2F2F2F

Achromatomaly
2A237A

CSS Examples

Text

The CSS property to change the color of the text to Hex 220EFD 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 #220EFD looks like.

```
.text, #text, p{  
    color:#220EFD  
}
```

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 #220EFD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220EFD
}
```

Border

The CSS property to change the border of an element to Hex 220EFD 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
#220EFD }
```

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

```
.border{ border-color:#220EFD }
```

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

Here you see how a box with a 4 pixel #220EFD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220EFD; -webkit-box-shadow:4px 4px  
4px 4px #220EFD; box-shadow:4px 4px 4px  
4px #220EFD }
```

Background

The CSS property to change the background color of an element to Hex 220EFD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220EFD }
```

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

```
.background{ background-color:#220EFD }
```

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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