

Converting Colors

Hex(2265FC)

Have a look what the booklet for
Hex(2265FC) contains.

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Color

Hex(2265FC)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2265FC |
| RGB | 34, 101, 252 |
| RGB Percent | 13%, 40%, 99% |
| CMY | 0.8667, 0.6039, 0.0118 |
| CMYK | 0.87, 0.60, 0.00, 0.01 |
| HSL | 222°, 97%, 56% |
| HSV | 222°, 87%, 99% |
| XYZ | 22.8841, 16.6757, 94.1081 |
| YIQ | 98.1810, -88.4030, 32.7570 |

Conversions

Conversions Part 2

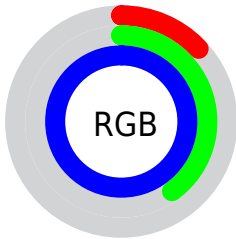
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 34, 85, 252 |
| Decimal | 2254332 |
| CIE Lab | 47.85, 35.84, -80.43 |
| CIE LCh | 48, 88.052, 294.021 |
| Yxy | 16.6757, 0.1712, 0.1248 |
| Android (android.graphics.Color) | 4280444412 (0xFF2265FC) |
| YUV | 98.1810, 75.8328, -56.2867 |
| Hunter-Lab | 40.8359, 28.5668, -108.0512 |

Details

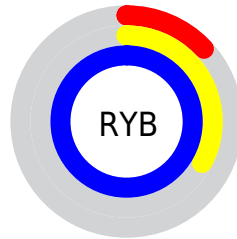
The Hex color **2265FC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FCB922**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **7997FF**, and **0038C2** is the 20% darker color. If you saturate the color by 10%, you get **0954FC**, and if you desaturate by 10%, it is **3B76FC**.

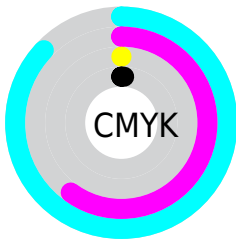
Distribution



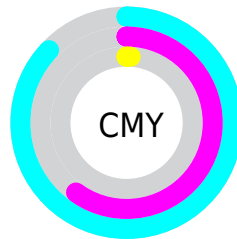
- Red (13%)
- Green (40%)
- Blue (99%)



- Red (13%)
- Yellow (33%)
- Blue (99%)



- Cyan (87%)
- Magenta (60%)
- Yellow (0%)
- Black (1%)



- Cyan (87%)
- Magenta (60%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2265FC 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 2265FC by changing the saturation by 10% instead.

 2265FC

 2265FC

FFFFFF

 004EDF

 7997FF

 0038C2

 9BB2FF

 0024A6

 BBCDFF


 00148B

 DBE9FF

 000071

 FBFFFF

 000C57

 00063F

 000328

 000111

■ 2265FC

■ 2265FC

■ 0954FC

■ 3B76FC

■ 004DFC

■ 5488FC

■ 6E99FC

■ 87ABFC

■ A0BCFC

■ B9CEFC

■ D2DFFC

■ ECF1FC

FFFFFC

Harmonies

Analogous

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



0081FF



2265FC



B831CA

Triad

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



2265FC



CC4300



008E60

Complementary

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



2265FC



FCB922

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.



008900



2265FC



976A00

Square

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



2265FC



EA003B



507F00



008FAD

Rectangle

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



2265FC



DE009C



507F00



008D45

Sweetspot

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



2265FC



BDD1FF



22FCB7



586480



000000



808080

Same Dimension

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



2265FC



004EFF



4A22FC



70747D



003ABD



00133D

Inverse Universe

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



FC2265



FF004E



D4FC22



7D7074



BD003A



3D0013

Previews

White Background



This preview shows how the Hex color 2265FC looks on a white background.

Color Contrast Check

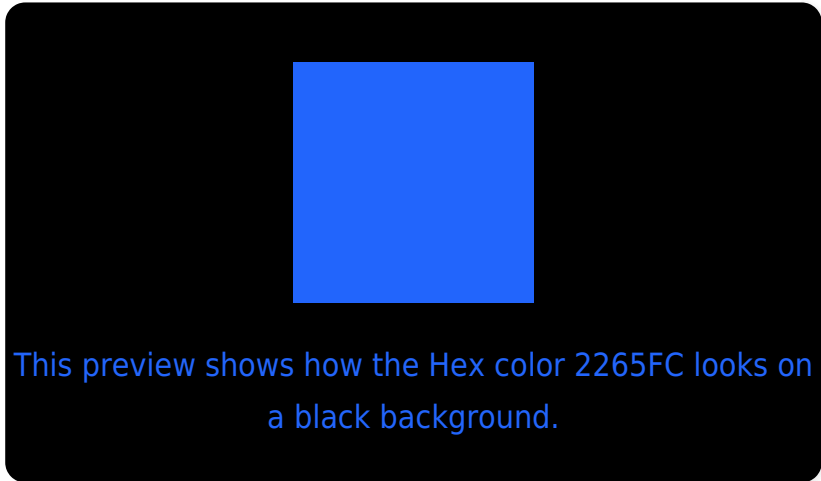
Large Text (above 18pt) WCAG AA ✓ Pass

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

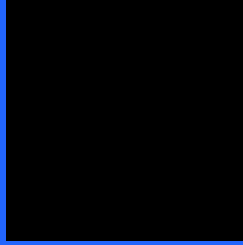
Any Text WCAG AA × Fail

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 2265FC Background



This preview shows how black text looks on a background with the Hex color 2265FC.

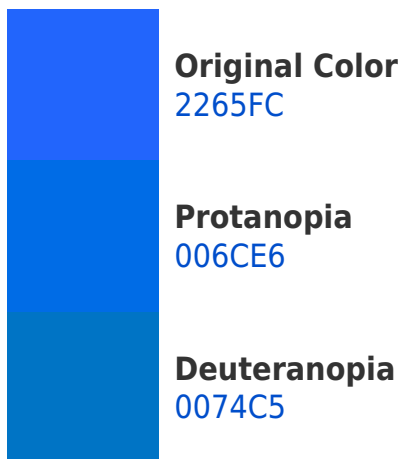


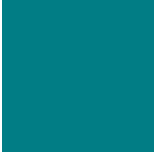
This preview shows how white text looks on a background with the Hex color 2265FC.

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
007D85

Trichromacy



Original Color
2265FC

Protanomaly
0C69EE

Deuteranomaly
0C6FD9

Tritanomaly
0C74B0

Monochromacy



Original Color
2265FC

Achromatopsia
626262

Achromatomaly
4B639A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2265FC 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 #2265FC looks like.

```
.text, #text, p{  
    color:#2265FC  
}
```

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 #2265FC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2265FC
}
```

Border

The CSS property to change the border of an element to Hex 2265FC is called "border". The border property can be set on classes, ids or directly on the HTML element.

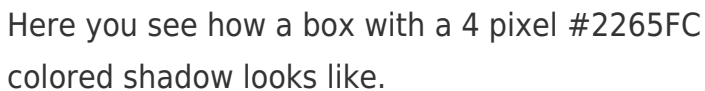
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2265FC }
```

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

```
.border{ border-color:#2265FC }
```

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



Here you see how a box with a 4 pixel #2265FC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2265FC; -webkit-box-shadow:4px 4px  
4px 4px #2265FC; box-shadow:4px 4px 4px  
4px #2265FC }
```

Background

The CSS property to change the background color of an element to Hex 2265FC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2265FC }
```

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

```
.background{ background-color:#2265FC }
```

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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