

Converting Colors

Hex(0216FD)

Have a look what the booklet for
Hex(0216FD) contains.

Hex(0216FD)	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(0216FD)

Conversions

Conversions Part 1

Format	Color
Hex	0216FD
RGB	2, 22, 253
RGB Percent	1%, 9%, 99%
CMY	0.9922, 0.9137, 0.0078
CMYK	0.99, 0.91, 0.00, 0.01
HSL	235°, 98%, 50%
HSV	235°, 99%, 99%
XYZ	18.0416, 7.6786, 93.4597
YIQ	42.3540, -86.0710, 67.6010

Conversions

Conversions Part 2

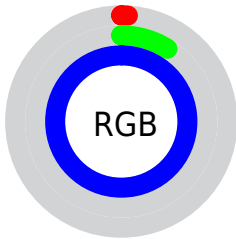
Format	Color
RYB	2, 21, 253
Decimal	136957
CIELab	33.30, 74.83, -105.06
CIELCh	33, 128.991, 305.461
Yxy	7.6786, 0.1514, 0.0644
Android (android.graphics.Color)	4278327037 (0xFF0216FD)
YUV	42.3540, 103.8485, -35.3905
Hunter-Lab	27.7102, 67.7248, -180.5732

Details

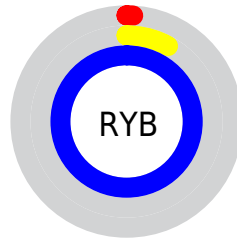
The Hex color **0216FD** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **FDE902**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **7850FF**, and **0000C2** is the 20% darker color. If you saturate the color by 10%, you get **0014FD**, and if you desaturate by 10%, it is **1B2DFD**.

Distribution



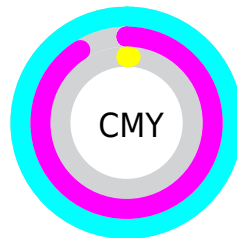
- Red (1%)
- Green (9%)
- Blue (99%)



- Red (1%)
- Yellow (8%)
- Blue (99%)



- Cyan (99%)
- Magenta (91%)
- Yellow (0%)
- Black (1%)



- Cyan (99%)
- Magenta (91%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0216FD 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 0216FD by changing the saturation by 10% instead.

 0216FD

 0216FD

FFFFFF

 0000DF

 7850FF

 0000C2

 9C6BFF

 0000A6

 BE86FF

 00008B

 DFA2FF

 001170

 FFBEFF

 000C56

 FFDAFF

 00063E

 FFF8FF

 000327

 000111

■ 0216FD

■ 0216FD

■ 0014FD

■ 1B2DFD

■ 3545FD

■ 4E5CFD

■ 6773FD

■ 818AFD

■ 9AA2FD

■ B3B9FD

■ CCD0FD

■ E6E8FD

Harmonies

Analogous

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



005FFF



0216FD



C900A6

Triad

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



0216FD



9F1000



006B60

Complementary

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



0216FD



FDE902

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



0216FD



505200

Square

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



0216FD



D60000



006300



006FC7

Rectangle

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



0216FD



E70063



006300



006A3C

Sweetspot

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



0216FD



B3B9FF



02FDE8



525580



000000



808080

Same Dimension

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



0216FD



0014FF



6B02FD



737480



000FBF



000540

Inverse Universe

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



FD0216



FF0014



94FD02



807374



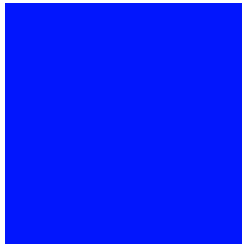
BF000F



400005

Previews

White Background



This preview shows how the Hex color 0216FD looks on a white background.

Color Contrast Check

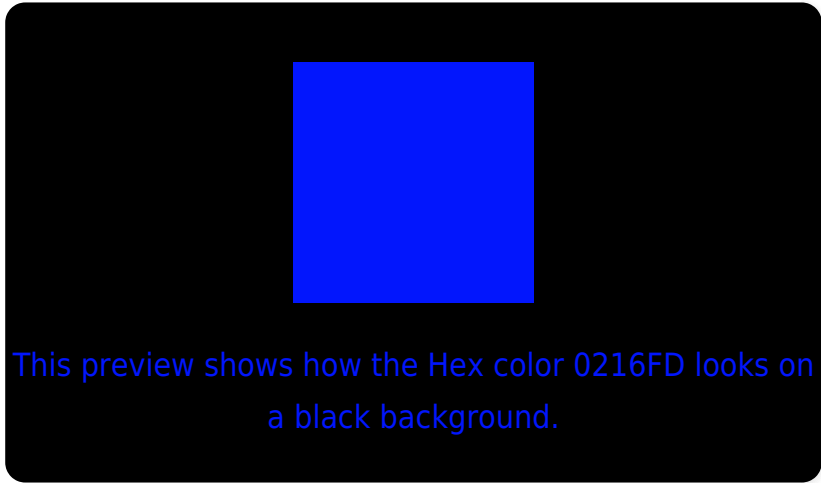
Large Text (above 18pt) WCAG AA ✓ Pass

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 0216FD Background



This preview shows how black text looks on a background with the Hex color 0216FD.



This preview shows how white text looks on a background with the Hex color 0216FD.

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
0216FD

Protanopia
004B9E

Deuteranopia
005186



Tritanopia
00575B

Trichromacy



Original Color
0216FD

Protanomaly
0138C1

Deuteranomaly
013CB1

Tritanomaly
013F96

Monochromacy



Original Color
0216FD

Achromatopsia
2A2A2A

Achromatomaly
1B2377

CSS Examples

Text

The CSS property to change the color of the text to Hex 0216FD 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 #0216FD looks like.

```
.text, #text, p{  
    color:#0216FD  
}
```

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 #0216FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0216FD
}
```

Border

The CSS property to change the border of an element to Hex 0216FD 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
#0216FD }
```

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

```
.border{ border-color:#0216FD }
```

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

Here you see how a box with a 4 pixel #0216FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0216FD; -webkit-box-shadow:4px 4px  
4px 4px #0216FD; box-shadow:4px 4px 4px  
4px #0216FD }
```

Background

The CSS property to change the background color of an element to Hex 0216FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0216FD }
```

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

```
.background{ background-color:#0216FD }
```

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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