

Converting Colors

Hex(216BFF)

Have a look what the booklet for
Hex(216BFF) contains.

Hex(216BFF)	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(216BFF)

Conversions

Conversions Part 1

Format	Color
Hex	216BFF
RGB	33, 107, 255
RGB Percent	13%, 42%, 100%
CMY	0.8706, 0.5804, 0.0000
CMYK	0.87, 0.58, 0.00, 0.00
HSL	220°, 100%, 56%
HSV	220°, 87%, 100%
XYZ	23.9349, 18.0587, 96.8319
YIQ	101.7460, -91.6120, 30.3400

Conversions

Conversions Part 2

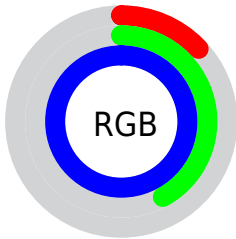
Format	Color
R _Y B	33, 89, 255
Decimal	2190335
CIE Lab	49.57, 33.13, -79.28
CIE LCh	50, 85.926, 292.676
Yxy	18.0587, 0.1724, 0.1301
Android (android.graphics.Color)	4280380415 (0xFF216BFF)
YUV	101.7460, 75.5542, -60.2902
Hunter-Lab	42.4956, 26.1698, -105.3535

Details

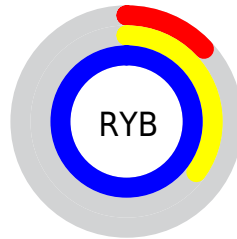
The Hex color **216BFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFB521**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **799EFF**, and **003DC5** is the 20% darker color. If you saturate the color by 10%, you get **085AFF**, and if you desaturate by 10%, it is **3A7CFF**.

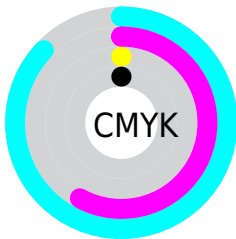
Distribution



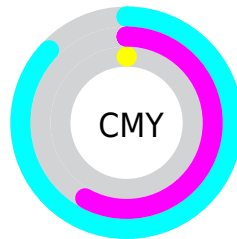
- Red (13%)
- Green (42%)
- Blue (100%)



- Red (13%)
- Yellow (35%)
- Blue (100%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 216BFF 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 216BFF by changing the saturation by 10% instead.

 216BFF

 216BFF

FFFFFF

 0053E2

 799EFF

 003DC5

 9BB8FF

 0029A9

 BBD4FF

 00188E

 DBF0FF

 000073

 FBFFFF

 000D59

 000741

 00032A

 000114

■ 216BFF

■ 216BFF

■ 085AFF

■ 3A7CFF

■ 0055FF

■ 548DFF

■ 6D9EFF

■ 87AFFF

■ A1C0FF

■ BAD1FF

■ D3E2FF

■ EDF3FF

FFFFFF

Harmonies

Analogous

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



0085FF



216BFF



B83CD0

Triad

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



216BFF



D14700



009261

Complementary

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



216BFF



FFB521

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.



008D00



216BFF



9F6D00

Square

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



216BFF



EE0043



5A8200



0094AD

Rectangle

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



216BFF



DF00A3



5A8200



009147

Sweetspot

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



216BFF



BDD3FF



21FFB5



586580



000000



808080

Same Dimension

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



216BFF



0055FF



4621FF



737780



0040BF



001540

Inverse Universe

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



FF216B



FF0055



DAFF21



807377



BF0040



400015

Previews

White Background



This preview shows how the Hex color 216BFF 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



This preview shows how the Hex color 216BFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

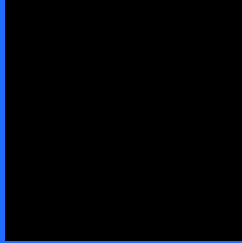
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

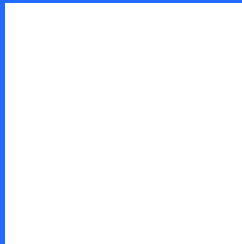
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 216BFF Background



This preview shows how black text looks on a background with the Hex color 216BFF.

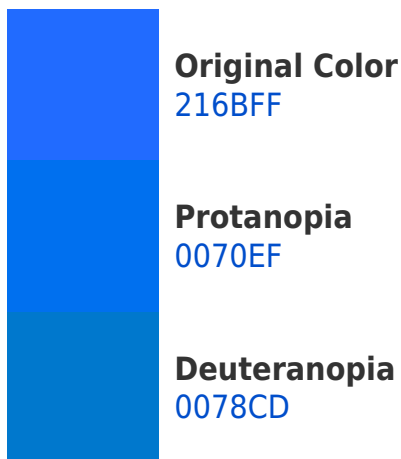


This preview shows how white text looks on a background with the Hex color 216BFF.

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](#).

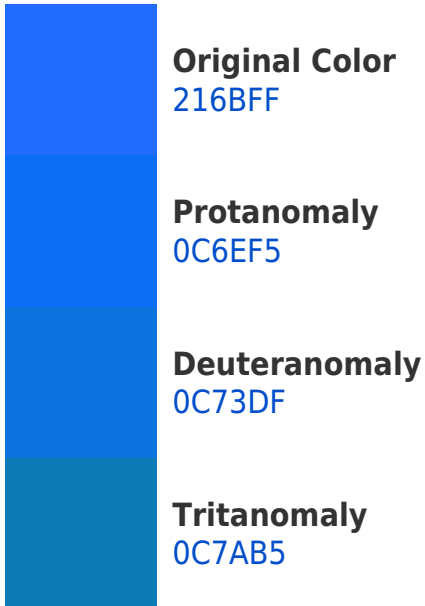
Dichromacy





Tritanopia
00828A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 216BFF 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 #216BFF looks like.

```
.text, #text, p{  
  color:#216BFF  
}
```

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 #216BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #216BFF
}
```

Border

The CSS property to change the border of an element to Hex 216BFF 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
#216BFF }
```

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

```
.border{ border-color:#216BFF }
```

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

Here you see how a box with a 4 pixel #216BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #216BFF; -webkit-box-shadow:4px 4px  
4px 4px #216BFF; box-shadow:4px 4px 4px  
4px #216BFF }
```

Background

The CSS property to change the background color of an element to Hex 216BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#216BFF }
```

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

```
.background{ background-color:#216BFF }
```

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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