

Converting Colors

Hex(136FFA)

Have a look what the booklet for
Hex(136FFA) contains.

Hex(136FFA)	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(136FFA)

Conversions

Conversions Part 1

Format	Color
Hex	136FFA
RGB	19, 111, 250
RGB Percent	7%, 44%, 98%
CMY	0.9255, 0.5647, 0.0196
CMYK	0.92, 0.56, 0.00, 0.02
HSL	216°, 96%, 53%
HSV	216°, 92%, 98%
XYZ	23.2083, 18.4095, 92.7726
YIQ	99.3380, -99.4510, 23.7250

Conversions

Conversions Part 2

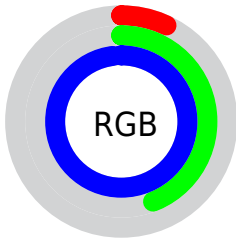
Format	Color
R _Y B	19, 85, 250
Decimal	1273850
CIE Lab	49.99, 28.08, -75.83
CIE LCh	50, 80.863, 290.320
Yxy	18.4095, 0.1727, 0.1370
Android (android.graphics.Color)	4279463930 (0xFF136FFA)
YUV	99.3380, 74.2764, -70.4564
Hunter-Lab	42.9062, 21.4661, -98.1635

Details

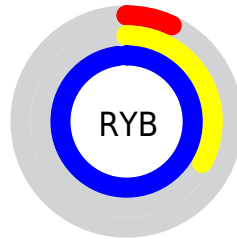
The Hex color **136FFA** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FA9E13**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **73A2FF**, and **0041C0** is the 20% darker color. If you saturate the color by 10%, you get **0064FA**, and if you desaturate by 10%, it is **2C7EFA**.

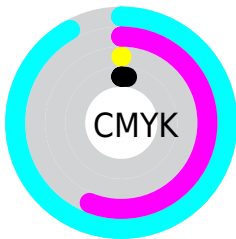
Distribution



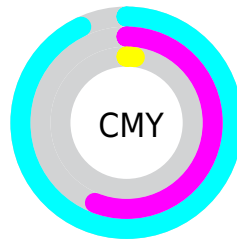
- Red (7%)
- Green (44%)
- Blue (98%)



- Red (7%)
- Yellow (33%)
- Blue (98%)



- Cyan (92%)
- Magenta (56%)
- Yellow (0%)
- Black (2%)



- Cyan (93%)
- Magenta (56%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136FFA 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 136FFA by changing the saturation by 10% instead.

 136FFA

 136FFA

FFFFFF

 0057DD

 73A2FF

 0041C0

 95BDFF

 002CA4

 B5D8FF

 001B89

 D5F5FF

 00006F

 F5FFFF

 000C56

 00063D

 000327

 000110

■ 136FFA

■ 136FFA

■ 0064FA

■ 2C7EFA

■ 458DFA

■ 5E9CFA

■ 77ABFA

■ 90BAFA

■ A9C9FA

■ C2D8FA

■ DBE7FA

■ F4F6FA

Harmonies

Analogous

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



0086FF



136FFA



B048D0

Triad

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



136FFA



D24900



00925E

Complementary

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



136FFA



FA9E13

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.



008D05



136FFA



A36C00

Square

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



136FFA



EA0E4C



648200



0094A5

Rectangle

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



136FFA



D722A7



648200



009145

Sweetspot

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



136FFA



B8D4FF



13FA9E



546580



000000



808080

Same Dimension

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



136FFA



0066FF



2A13FA



70757D



004BBD



00183D

Inverse Universe

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



FA136F



FF0066



E3FA13



7D7075



BD004B



3D0018

Previews

White Background



This preview shows how the Hex color 136FFA looks on a white background.

Color Contrast Check

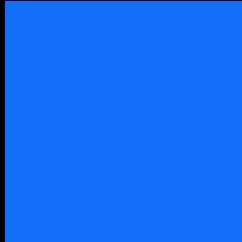
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 136FFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

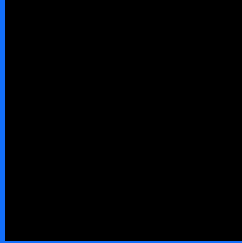
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

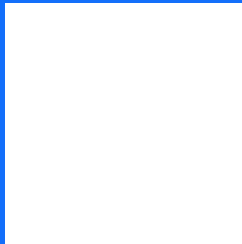
Any Text WCAG AAA × Fail

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

Hex 136FFA Background



This preview shows how black text looks on a background with the Hex color 136FFA.



This preview shows how white text looks on a background with the Hex color 136FFA.

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](#).

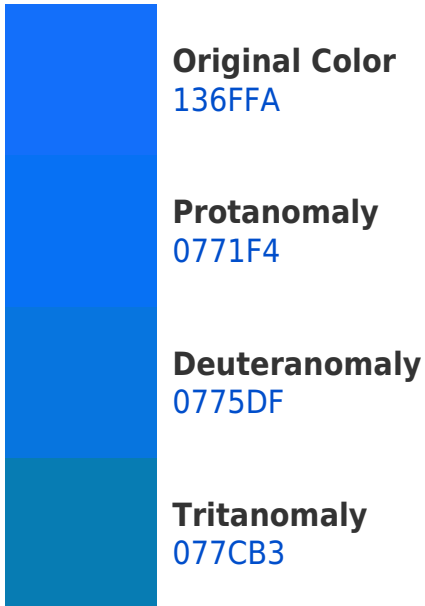
Dichromacy



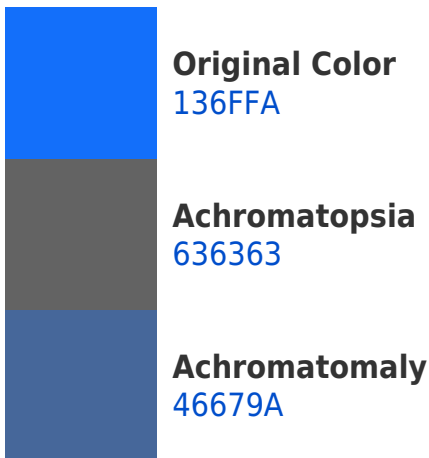


Tritanopia
00838B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 136FFA 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 #136FFA looks like.

```
.text, #text, p{  
    color:#136FFA  
}
```

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 #136FFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136FFA
}
```

Border

The CSS property to change the border of an element to Hex 136FFA 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
#136FFA }
```

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

```
.border{ border-color:#136FFA }
```

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

Here you see how a box with a 4 pixel #136FFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136FFA; -webkit-box-shadow:4px 4px  
4px 4px #136FFA; box-shadow:4px 4px 4px  
4px #136FFA }
```

Background

The CSS property to change the background color of an element to Hex 136FFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136FFA }
```

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

```
.background{ background-color:#136FFA }
```

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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