

Converting Colors

Hex(156AFF)

Have a look what the booklet for
Hex(156AFF) contains.

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Color

Hex(156AFF)

Conversions

Conversions Part 1

Format	Color
Hex	156AFF
RGB	21, 106, 255
RGB Percent	8%, 42%, 100%
CMY	0.9176, 0.5843, 0.0000
CMYK	0.92, 0.58, 0.00, 0.00
HSL	218°, 100%, 54%
HSV	218°, 92%, 100%
XYZ	23.5133, 17.6875, 96.7825
YIQ	97.5710, -98.4890, 28.3190

Conversions

Conversions Part 2

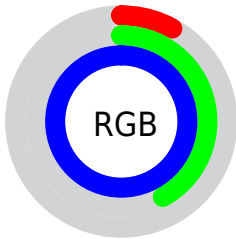
Format	Color
R _Y B	21, 83, 255
Decimal	1403647
CIE Lab	49.11, 33.21, -80.03
CIE LCh	49, 86.649, 292.537
Yxy	17.6875, 0.1704, 0.1282
Android (android.graphics.Color)	4279593727 (0xFF156AFF)
YUV	97.5710, 77.6125, -67.1528
Hunter-Lab	42.0565, 26.1983, -107.0015

Details

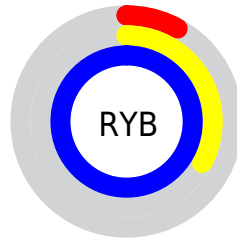
The Hex color **156AFF** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed azure. A complement of this color would be **FFAA15**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **759DFF**, and **003CC5** is the 20% darker color. If you saturate the color by 10%, you get **005DFF**, and if you desaturate by 10%, it is **2F7AFF**.

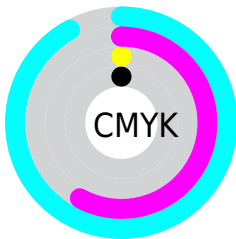
Distribution



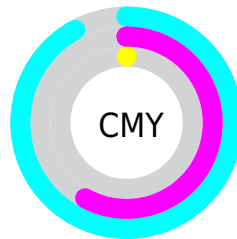
- Red (8%)
- Green (42%)
- Blue (100%)



- Red (8%)
- Yellow (33%)
- Blue (100%)



- Cyan (92%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156AFF 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 156AFF by changing the saturation by 10% instead.

 156AFF

 156AFF

FFFFFF

 0052E2

 759DFF

 003CC5

 97B7FF

 0028A9

 B8D3FF

 00178E

 D8EFFF

 000073

 F8FFFF

 000D59

 000741

 00032A

 000114

■ 156AFF

■ 156AFF

■ 005DFF

■ 2F7AFF

■ 488AFF

■ 629BFF

■ 7BABFF

■ 94BBFF

■ AECBFF

■ C8DCFF

■ E1ECFF

■ FBFCFF

Harmonies

Analogous

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



0084FF



156AFF



B73AD0

Triad

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



156AFF



D14500



00915F

Complementary

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



156AFF



FFAA15

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.



008C00



156AFF



9E6C00

Square

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



156AFF



ED0042



598100



0093AC

Rectangle

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



156AFF



DE00A3



598100



009045

Sweetspot

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



156AFF



B8D2FF



15FFA9



546480



000000



808080

Same Dimension

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



156AFF



005DFF



3415FF



737780



0045BF



001740

Inverse Universe

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



FF156A



FF005D



E0FF15



807377



BF0045



400017

Previews

White Background



This preview shows how the Hex color 156AFF looks on a white background.

Color Contrast Check

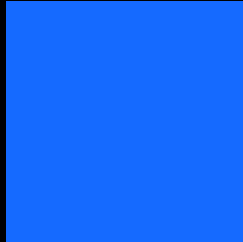
Large Text (above 18pt) WCAG AA ✓ Pass

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 156AFF 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

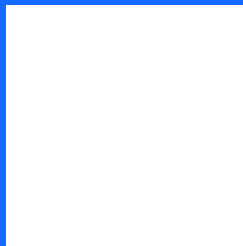
Any Text WCAG AAA × Fail

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

Hex 156AFF Background



This preview shows how black text looks on a background with the Hex color 156AFF.

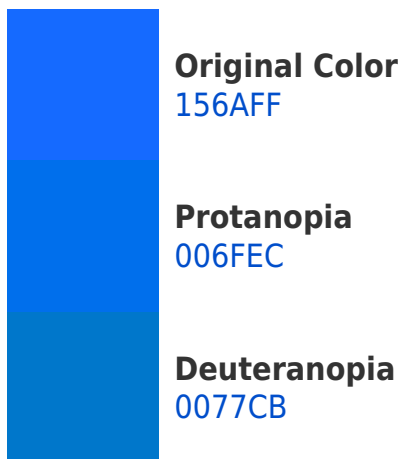


This preview shows how white text looks on a background with the Hex color 156AFF.

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
008188

Trichromacy



Original Color
156AFF

Protanomaly
086DF3

Deuteranomaly
0872DE

Tritanomaly
0879B3

Monochromacy



Original Color
156AFF

Achromatopsia
626262

Achromatomaly
46659B

CSS Examples

Text

The CSS property to change the color of the text to Hex 156AFF 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 #156AFF looks like.

```
.text, #text, p{  
    color:#156AFF  
}
```

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 #156AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156AFF
}
```

Border

The CSS property to change the border of an element to Hex 156AFF 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
#156AFF }
```

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

```
.border{ border-color:#156AFF }
```

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

Here you see how a box with a 4 pixel #156AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156AFF; -webkit-box-shadow:4px 4px  
4px 4px #156AFF; box-shadow:4px 4px 4px  
4px #156AFF }
```

Background

The CSS property to change the background color of an element to Hex 156AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156AFF }
```

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

```
.background{ background-color:#156AFF }
```

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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