

Converting Colors

Hex(160EFF)

Have a look what the booklet for
Hex(160EFF) contains.

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Color

Hex(160EFF)

Conversions

Conversions Part 1

Format	Color
Hex	160EFF
RGB	22, 14, 255
RGB Percent	9%, 5%, 100%
CMY	0.9137, 0.9451, 0.0000
CMYK	0.91, 0.95, 0.00, 0.00
HSL	242°, 100%, 53%
HSV	242°, 95%, 100%
XYZ	18.5379, 7.7046, 95.1178
YIQ	43.8660, -72.5930, 76.6470

Conversions

Conversions Part 2

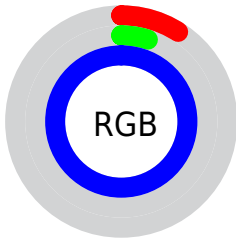
Format	Color
R _Y B	22, 14, 255
Decimal	1445631
CIE Lab	33.36, 77.21, -106.09
CIE LCh	33, 131.205, 306.046
Yxy	7.7046, 0.1528, 0.0635
Android (android.graphics.Color)	4279635711 (0xFF160EFF)
YUV	43.8660, 104.0891, -19.1765
Hunter-Lab	27.7572, 70.6376, -183.7434

Details

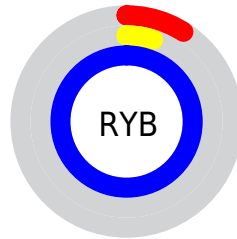
The Hex color **160EFF** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark saturated blue. A complement of this color would be **F7FF0E**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7C4DFF**, and **0000C4** is the 20% darker color. If you saturate the color by 10%, you get **0800FF**, and if you desaturate by 10%, it is **2F28FF**.

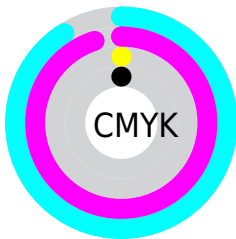
Distribution



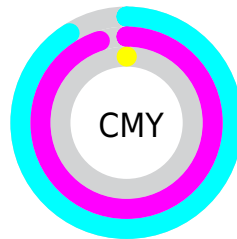
- Red (9%)
- Green (5%)
- Blue (100%)



- Red (9%)
- Yellow (5%)
- Blue (100%)



- Cyan (91%)
- Magenta (95%)
- Yellow (0%)
- Black (0%)



- Cyan (91%)
- Magenta (95%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 160EFF 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 160EFF by changing the saturation by 10% instead.

 160EFF

 160EFF

FFFFFF

 0000E1

 7C4DFF

 0000C4

 A068FF

 0000A8

 C283FF

 00008C

 E39FFF

 001071

 FFBCFF

 000C58

 FFD8FF

 00073F

 FFF6FF

 000329

 000112

 160EFF

 160EFF

 0800FF

 2F28FF

 4741FF

 605BFF

 7974FF

 918EFF

 AAA7FF

 C3C1FF

 DBDAFF

 F4F4FF

Harmonies

Analogous

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



005FFF



160EFF



CD00A6

Triad

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



160EFF



9F1100



006B63

Complementary

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



160EFF



F7FF0E

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



160EFF



4E5300

Square

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



160EFF



D70000



006400



006FCB

Rectangle

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



160EFF



EA0062



006400



006A3E

Sweetspot

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



160EFF



BAB8FF



0EFBFF



565480



000000



808080

Same Dimension

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



160EFF



0800FF



8B0EFF



737380



0600BF



020040

Inverse Universe

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



FF0EF7



FF00F7



82FF0E



80737F



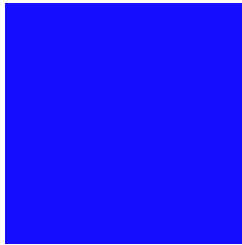
BF00B9



40003E

Previews

White Background



This preview shows how the Hex color 160EFF looks on a white background.

Color Contrast Check

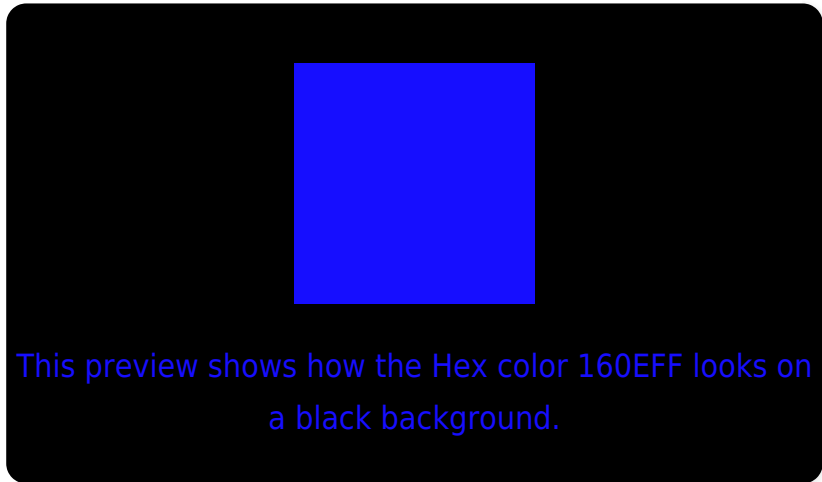
Large Text (above 18pt) WCAG AA ✓ Pass

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 160EFF Background



This preview shows how black text looks on a background with the Hex color 160EFF.



This preview shows how white text looks on a background with the Hex color 160EFF.

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
160EFF

Protanopia
004B9E

Deuteranopia
005186



Tritanopia
00575B

Trichromacy



Original Color
160EFF

Protanomaly
0835C1

Deuteranomaly
0839B2

Tritanomaly
083C97

Monochromacy



Original Color
160EFF

Achromatopsia
2C2C2C

Achromatomaly
242179

CSS Examples

Text

The CSS property to change the color of the text to Hex 160EFF 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 #160EFF looks like.

```
.text, #text, p{  
    color:#160EFF  
}
```

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 #160EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #160EFF
}
```

Border

The CSS property to change the border of an element to Hex 160EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

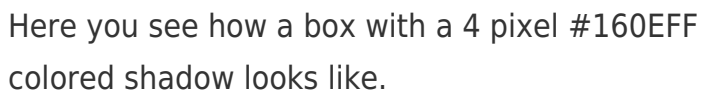
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#160EFF }
```

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

```
.border{ border-color:#160EFF }
```

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



Here you see how a box with a 4 pixel #160EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #160EFF; -webkit-box-shadow:4px 4px  
4px 4px #160EFF; box-shadow:4px 4px 4px  
4px #160EFF }
```

Background

The CSS property to change the background color of an element to Hex 160EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#160EFF }
```

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

```
.background{ background-color:#160EFF }
```

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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