

# Converting Colors

Hex(160FEA)

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

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# Color

**Hex(160FEA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	160FEA
RGB	22, 15, 234
RGB Percent	9%, 6%, 92%
CMY	0.9137, 0.9412, 0.0824
CMYK	0.91, 0.94, 0.00, 0.08
HSL	242°, 88%, 49%
HSV	242°, 94%, 92%
XYZ	15.3530, 6.4527, 78.2782
YIQ	42.0590, -66.1270, 69.5930

# Conversions

## Conversions Part 2

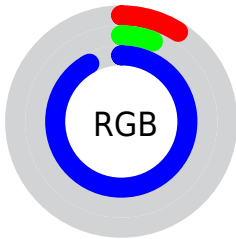
Format	Color
<b>RYB</b>	22, 15, 234
Decimal	1445866
CIELab	30.53, 71.76, -98.95
CIELCh	31, 122.228, 305.950
Yxy	6.4527, 0.1534, 0.0645
Android (android.graphics.Color)	4279635946 (0xFF160FEA)
YUV	42.0590, 94.6269, -17.5917
Hunter-Lab	25.4022, 63.4306, -164.9235

# Details

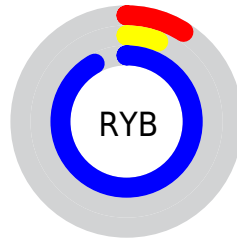
The Hex color **160FEA** is a dark color, and the websafe version is hex **0033FF**. The color can be described as dark washed blue. A complement of this color would be **E3EA0F**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **774BFF**, and **0000B0** is the 20% darker color. If you saturate the color by 10%, you get **0700EA**, and if you desaturate by 10%, it is **2D26EA**.

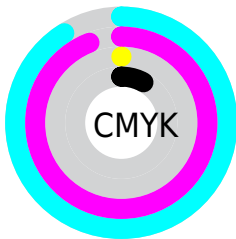
# Distribution



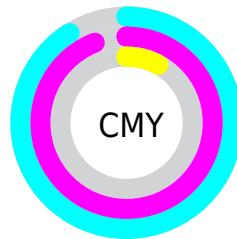
- Red (9%)
- Green (6%)
- Blue (92%)



- Red (9%)
- Yellow (6%)
- Blue (92%)



- Cyan (91%)
- Magenta (94%)
- Yellow (0%)
- Black (8%)



- Cyan (91%)
- Magenta (94%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 160FEA

 160FEA

FFFFFF

 0000CD

 774BFF

 0000B0

 9965FF

 000095

 BA80FF

 00017A


 DB9CFF

 000E5F

 FBB8FF

 000847

 FFD4FF

 00042F

 FFF1FF

 00011A

 000000

■ 160FEA

■ 160FEA

■ 0700EA

■ 2D26EA

■ 433EEA

■ 5A55EA

■ 716DEA

■ 8784EA

■ 9E9BEA

■ B5B3EA

■ CBCAEA

■ E2E2EA

# Harmonies

## Analogous

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



0057FF



160FEA



BC0098

# Triad

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



160FEA



921100



00625A

# Complementary

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



160FEA



E3EA0F

# 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.



006000



160FEA



484C00

# Square

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



160FEA



C60000



005B00



0066BA

# Rectangle

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



160FEA



D7005A



005B00



006138



# Sweetspot

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



160FEA



BAB8FF



0FE6EA



565480



000000



808080



# Same Dimension

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



160FEA



0800FF



800FEA



6A6A75



0600B5



020036



# Inverse Universe

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



EA0FE3



FF00F7



79EA0F



756A75



B500AF

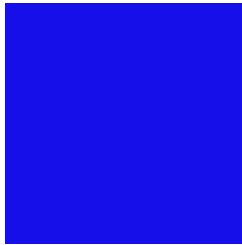


360034



# Previews

## White Background



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

## Color Contrast Check

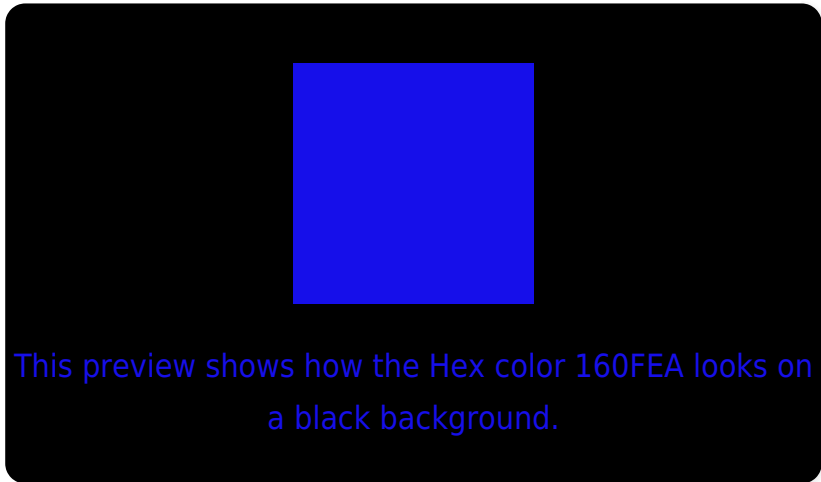
Large Text (above 18pt) WCAG AA ✓ Pass

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

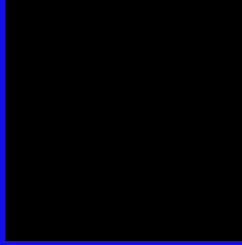
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 160FEA Background



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



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

# 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**  
160FEA

**Protanopia**  
004692

**Deuteranopia**  
004A7C

# Trichromacy



**Original Color**  
160FEA

**Protanomaly**  
0832B2

**Deuteranomaly**  
0835A4

# Monochromacy



**Original Color**  
160FEA

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
232070

# CSS Examples

## Text

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

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

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 #160FEA colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Hex 160FEA 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
#160FEA }
```

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

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

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

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

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

# Background

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

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

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

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

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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