

Converting Colors

Hex(167FEA)

Have a look what the booklet for
Hex(167FEA) contains.

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Color

Hex(167FEA)

Conversions

Conversions Part 1	
Format	Color
Hex	167FEA
RGB	22, 127, 234
RGB Percent	9%, 50%, 92%
CMY	0.9137, 0.5020, 0.0824
CMYK	0.91, 0.46, 0.00, 0.08
HSL	210°, 83%, 50%
HSV	210°, 91%, 92%
XYZ	22.7715, 21.2898, 80.7511
YIQ	107.8030, -96.9270, 11.0170

Conversions

Conversions Part 2

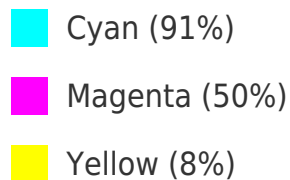
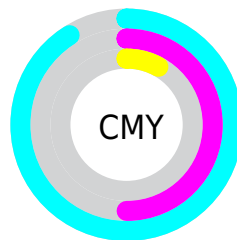
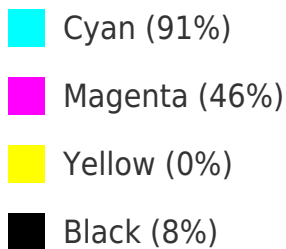
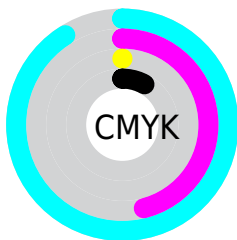
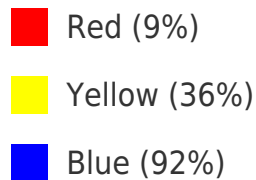
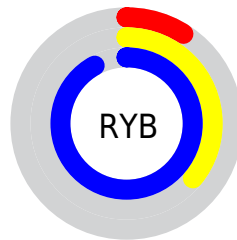
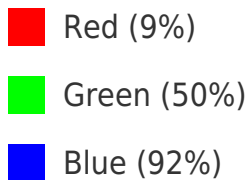
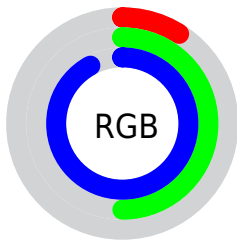
Format	Color
RYB	22, 92, 234
Decimal	1474538
CIELab	53.27, 11.99, -61.61
CIELCh	53, 62.766, 281.009
Yxy	21.2898, 0.1824, 0.1706
Android (android.graphics.Color)	4279664618 (0xFF167FEA)
YUV	107.8030, 62.2151, -75.2492
Hunter-Lab	46.1409, 7.3470, -71.4646

Details

The Hex color **167FEA** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **EA8116**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **6FB3FF**, and **004FB1** is the 20% darker color. If you saturate the color by 10%, you get **0074EA**, and if you desaturate by 10%, it is **2D8BEA**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 167FEA 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 167FEA by changing the saturation by 10% instead.

 167FEA

FFFFFF

 6FB3FF

 90CEFF

 AFEAFF

 CFFFFFF

 EEEFFF

 167FEA

 0066CD

 004FB1

 003996

 00257C

 001162

 000949

 000432

 00011C

 000000

 167FEA

 167FEA

 0074EA

 2D8BEA

 4597EA

 5CA2EA

 74AE EA

 8BBAEA

 A2C6EA

 BAD2EA

 D1DDEA

 E9E9EA

Harmonies

Analogous

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



008FE6



167FEA



9A67D1

Triad

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



167FEA



D4583A



00965A

Complementary

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



167FEA



EA8116

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.



498F24



167FEA



B47005

Square

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



167FEA



DF476E



868300



009892

Rectangle

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



167FEA



C156B5



868300



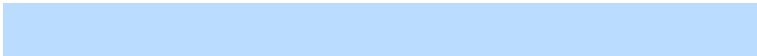
009448

Sweetspot

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



167FEA



BADCFF



16EA80



576B80



000000



808080

Same Dimension

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



167FEA



007EFF



1616EA



6A6F75



005AB5



001B36

Inverse Universe

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



EA167F



FF007E



EAEA16



756A6F



B5005A



36001B

Previews

White Background



This preview shows how the Hex color 167FEA looks on a white background.

Color Contrast Check

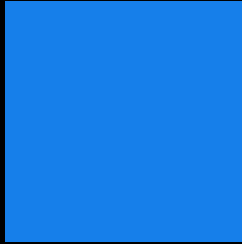
Large Text (above 18pt) WCAG AA ✓ Pass

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 167FEA 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

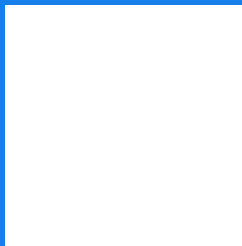
Any Text WCAG AAA × Fail

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

Hex 167FEA Background



This preview shows how black text looks on a background with the Hex color 167FEA.



This preview shows how white text looks on a background with the Hex color 167FEA.

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
167FEA


Protanopia
497BE6

Deuteranopia
0081E3






Tritanopia
008C96

Trichromacy

	Original Color 167FEA
	Protanomaly 367CE7
	Deuteranomaly 0880E6
	Tritanomaly 0887B5

Monochromacy

	Original Color 167FEA
	Achromatopsia 6C6C6C
	Achromatomaly 4D739A

CSS Examples

Text

The CSS property to change the color of the text to Hex 167FEA 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 #167FEA looks like.

```
.text, #text, p{  
    color:#167FEA  
}
```

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 #167FEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #167FEA
}
```

Border

The CSS property to change the border of an element to Hex 167FEA 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
#167FEA }
```

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

```
.border{ border-color:#167FEA }
```

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

Here you see how a box with a 4 pixel #167FEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #167FEA; -webkit-box-shadow:4px 4px  
4px 4px #167FEA; box-shadow:4px 4px 4px  
4px #167FEA }
```

Background

The CSS property to change the background color of an element to Hex 167FEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#167FEA }
```

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

```
.background{ background-color:#167FEA }
```

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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