

Converting Colors

Hex(146EE7)

Have a look what the booklet for
Hex(146EE7) contains.

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Color

Hex(146EE7)

Conversions

Conversions Part 1

Format	Color
Hex	146EE7
RGB	20, 110, 231
RGB Percent	8%, 43%, 91%
CMY	0.9216, 0.5686, 0.0941
CMYK	0.91, 0.52, 0.00, 0.09
HSL	214°, 84%, 49%
HSV	214°, 91%, 91%
XYZ	20.2882, 17.0701, 77.8269
YIQ	96.8840, -92.4810, 18.5510

Conversions

Conversions Part 2

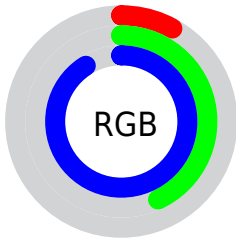
Format	Color
R_{YB}	20, 83, 231
Decimal	1339111
CIE Lab	48.35, 21.45, -67.88
CIE LCh	48, 71.186, 287.540
Yxy	17.0701, 0.1761, 0.1482
Android (android.graphics.Color)	4279529191 (0xFF146EE7)
YUV	96.8840, 66.1192, -67.4273
Hunter-Lab	41.3160, 15.3495, -82.7633

Details

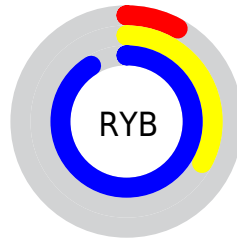
The Hex color **146EE7** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E78D14**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **6EA1FF**, and **0040AE** is the 20% darker color. If you saturate the color by 10%, you get **0063E7**, and if you desaturate by 10%, it is **2B7BE7**.

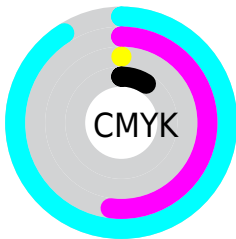
Distribution



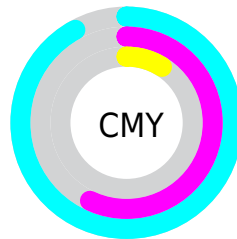
- Red (8%)
- Green (43%)
- Blue (91%)



- Red (8%)
- Yellow (33%)
- Blue (91%)



- Cyan (91%)
- Magenta (52%)
- Yellow (0%)
- Black (9%)



- Cyan (92%)
- Magenta (57%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 146EE7 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 146EE7 by changing the saturation by 10% instead.

 146EE7

 146EE7

FFFFFF

 0056CA

 6EA1FF

 0040AE

 8FBCFF

 002B93

 AFD7FF


 001979

 CEF3FF

 00045F

 EDFFFF

 000846

 00042F

 000119

 000000

■ 146EE7

■ 146EE7

■ 0063E7

■ 2B7BE7

■ 4288E7

■ 5996E7

■ 70A3E7

■ 88B0E7

■ 9FBDE7

■ B6CBE7

■ CDD8E7

■ E4E5E7

Harmonies

Analogous

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



0081E9



146EE7



A04FC5

Triad

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



146EE7



C74917



008B57

Complementary

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



146EE7



E78D14

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.



038611



146EE7



A06700

Square

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



146EE7



DA2853



6A7B00



008D96

Rectangle

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



146EE7



C436A2



6A7B00



008A42

Sweetspot

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



146EE7



BAD8FF



14E78C



576880



000000



808080

Same Dimension

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



146EE7



006DFF



2214E7



676C73



004CB3



001633

Inverse Universe

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



E7146E



FF006D



D9E714



73676C



B3004C



330016

Previews

White Background



This preview shows how the Hex color 146EE7 looks on a white background.

Color Contrast Check

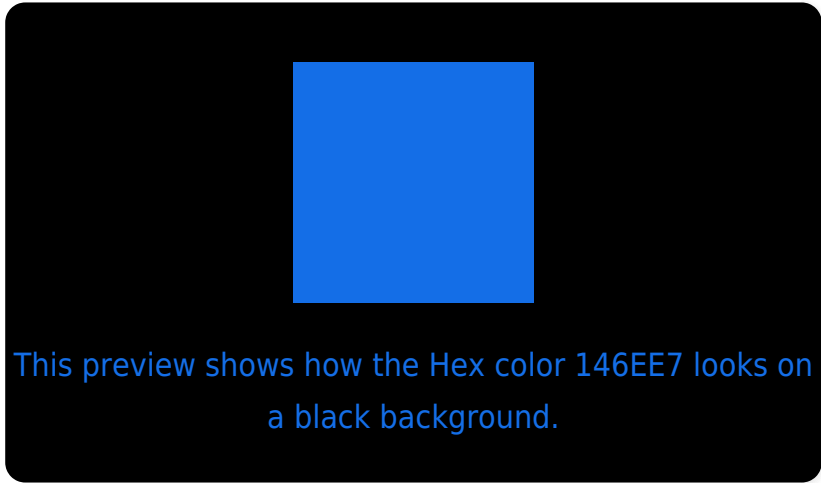
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

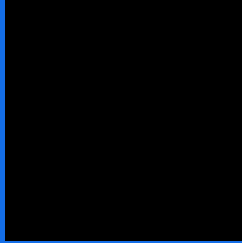
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

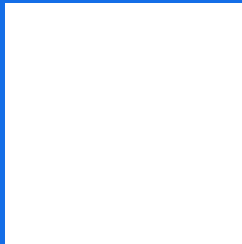
Any Text WCAG AAA × Fail

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

Hex 146EE7 Background



This preview shows how black text looks on a background with the Hex color 146EE7.

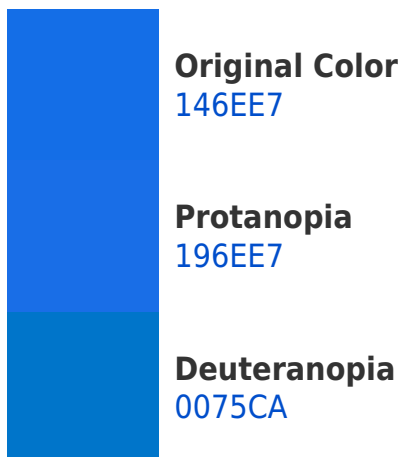


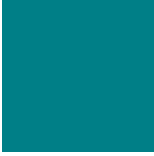
This preview shows how white text looks on a background with the Hex color 146EE7.

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
007F87

Trichromacy



Original Color
146EE7

Protanomaly
176EE7

Deuteranomaly
0772D5

Tritanomaly
0779AA

Monochromacy



Original Color
146EE7

Achromatopsia
616161

Achromatomaly
456692

CSS Examples

Text

The CSS property to change the color of the text to Hex 146EE7 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 #146EE7 looks like.

```
.text, #text, p{  
    color:#146EE7  
}
```

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 #146EE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #146EE7
}
```

Border

The CSS property to change the border of an element to Hex 146EE7 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
#146EE7 }
```

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

```
.border{ border-color:#146EE7 }
```

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

Here you see how a box with a 4 pixel #146EE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #146EE7; -webkit-box-shadow:4px 4px  
4px 4px #146EE7; box-shadow:4px 4px 4px  
4px #146EE7 }
```

Background

The CSS property to change the background color of an element to Hex 146EE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#146EE7 }
```

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

```
.background{ background-color:#146EE7 }
```

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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