

# Converting Colors

Hex(146CEB)

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

<b>Hex(146CEB)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

**Color**

**Hex(146CEB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	146CEB
RGB	20, 108, 235
RGB Percent	8%, 42%, 92%
CMY	0.9216, 0.5765, 0.0784
CMYK	0.91, 0.54, 0.00, 0.08
HSL	215°, 84%, 50%
HSV	215°, 91%, 92%
XYZ	20.6464, 16.8720, 80.7657
YIQ	96.1660, -93.2150, 20.8410

# Conversions

## Conversions Part 2

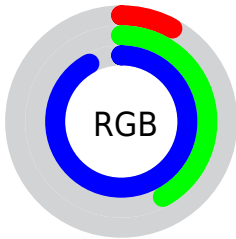
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">20, 82, 235</a>
Decimal	<a href="#">1338603</a>
CIELab	<a href="#">48.10, 24.28, -70.53</a>
CIElCh	<a href="#">48, 74.592, 288.996</a>
Yxy	<a href="#">16.8720, 0.1745, 0.1426</a>
Android (android.graphics.Color)	<a href="#">4279528683 (0xFF146CEB)</a>
YUV	<a href="#">96.1660, 68.4452, -66.7976</a>
Hunter-Lab	<a href="#">41.0755, 17.8401, -87.8274</a>

# Details

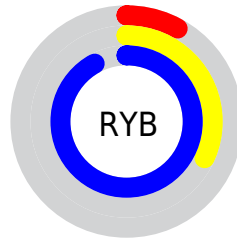
The Hex color **146CEB** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EB9314**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **709FFF**, and **003EB2** is the 20% darker color. If you saturate the color by 10%, you get **0060EB**, and if you desaturate by 10%, it is **2C7AEB**.

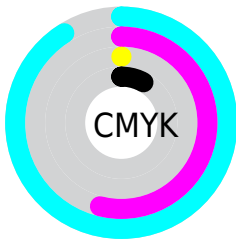
# Distribution



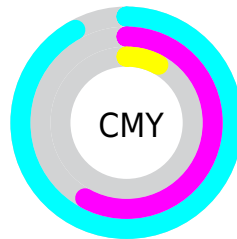
- Red (8%)
- Green (42%)
- Blue (92%)



- Red (8%)
- Yellow (32%)
- Blue (92%)



- Cyan (91%)
- Magenta (54%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (58%)
- Yellow (8%)

# Brightness & Saturation Gradients

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



 146CEB

 146CEB

FFFFFF

 0054CE

 709FFF

 003EB2

 91B9FF

 002A97

 B0D5FF

 00187C

 D0F1FF

 000362

 EFFFFFF

 000949

 000432

 00011C

 000000

■ 146CEB

■ 146CEB

■ 0060EB

■ 2C7AEB

■ 4388EB

■ 5B96EB

■ 72A4EB

■ 8AB1EB

■ A1BFEB

■ B9CDEB

■ D0DBEB

■ E8E9EB

# Harmonies

## Analogous

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



0081EF



146CEB



A44AC6

# Triad

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



146CEB



C8480A



008B58

# Complementary

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



146CEB



EB9314

# 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.



00860C



146CEB



9E6700

# Square

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



146CEB



DD1E4E



657B00



008D9A

# Rectangle

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



146CEB



C92DA1



657B00



008A42



# Sweetspot

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



146CEB



BAD6FF



14EB91



576780



000000



808080



# Same Dimension

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



146CEB



0068FF



2614EB



6A6E75



004AB5



001636



# Inverse Universe

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



EB146C



FF0068



D9EB14



756A6E



B5004A



360016



# Previews

## White Background



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

## Color Contrast Check

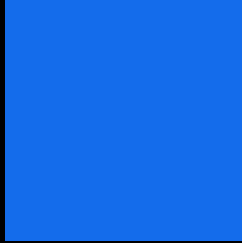
Large Text (above 18pt) WCAG AA ✓ Pass

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 146CEB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

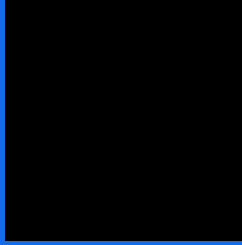
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

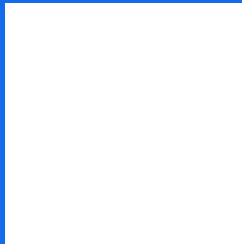
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 146CEB Background



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

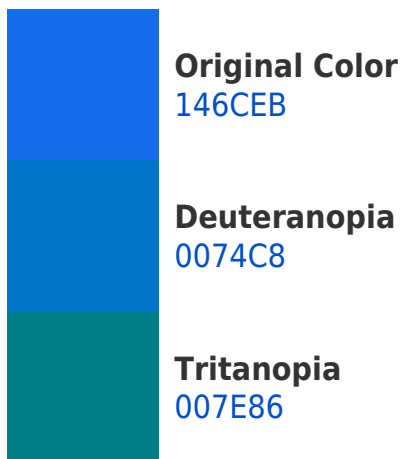


This preview shows how white text looks on a background with the Hex color 146CEB.

# 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



# Trichromacy



**Original Color**  
146CEB

**Deuteranomaly**  
0771D5

**Tritanomaly**  
0777AB

# Monochromacy



**Original Color**  
146CEB

**Achromatopsia**  
606060

**Achromatomaly**  
446493

# CSS Examples

## Text

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

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

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 #146CEB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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