

# Converting Colors

Hex(136EC0)

Have a look what the booklet for  
Hex(136EC0) contains.

<b>Hex(136EC0)</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> .....	29

# Color

Hex(136EC0)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	136EC0
RGB	19, 110, 192
RGB Percent	7%, 43%, 75%
CMY	0.9255, 0.5686, 0.2471
CMYK	0.90, 0.43, 0.00, 0.25
HSL	208°, 82%, 41%
HSV	208°, 90%, 75%
XYZ	15.3589, 15.0961, 51.9735
YIQ	92.1390, -80.5580, 6.2100

# Conversions

## Conversions Part 2

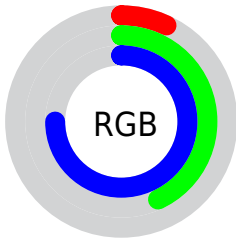
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 79, 192
Decimal	1273536
CIE <sub>Lab</sub>	45.77, 6.11, -49.81
CIE <sub>LCh</sub>	46, 50.185, 276.992
Yxy	15.0961, 0.1863, 0.1831
Android (android.graphics.Color)	4279463616 (0xFF136EC0)
YUV	92.1390, 49.2315, -64.1429
Hunter-Lab	38.8537, 2.5674, -52.1131

# Details

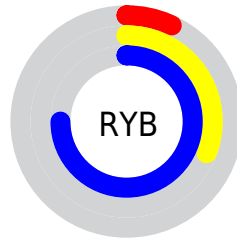
The Hex color **136EC0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C06513**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **64A1F9**, and **003F8A** is the 20% darker color. If you saturate the color by 10%, you get **0065C0**, and if you desaturate by 10%, it is **2677C0**.

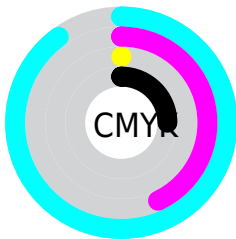
# Distribution



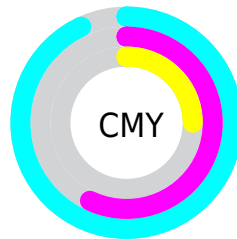
- Red (7%)
- Green (43%)
- Blue (75%)



- Red (7%)
- Yellow (31%)
- Blue (75%)



- Cyan (90%)
- Magenta (43%)
- Yellow (0%)
- Black (25%)



- Cyan (93%)
- Magenta (57%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 136EC0 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 136EC0 by changing the saturation by 10% instead.



■ 136EC0

■ 136EC0

FFFFFF

■ 0056A5

■ 64A1F9

■ 003F8A

■ 82BCFF

■ 002A70

■ A1D7FF

■ 001757

■ BFF4FF

■ 00063F

■ DDFFFF

■ 000328

■ FBFFFF

■ 000112

■ 000000

■ 136EC0

■ 136EC0

0065C0

2677C0

3980C0

4D89C0

6092C0

739CC0

86A5C0

99AEC0

ADB7C0

C0C0C0

# Harmonies

## Analogous

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



0079B9



136EC0



7A5DB0

# Triad

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



136EC0



B24D3C



007E4A

# Complementary

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



136EC0



C06513

# 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.



4C7823



136EC0



9B5E1A

# Square

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



136EC0



B84364



786E09



008075

# Rectangle

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



136EC0



9B509B



786E09



1C7C3C

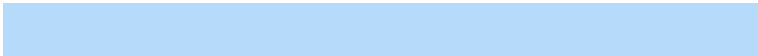


# Sweetspot

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



136EC0



B6DAFA



13C064



556A7D



FCFCFC



7D7D7D



# Same Dimension

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



136EC0



0083FA



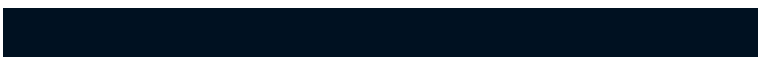
1319C0



575C61



0055A1



001121



# Inverse Universe

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



C0136E



FA0083



COBA13



61575C



A10055



210011



# Previews

## White Background



This preview shows how the Hex color 136EC0 looks on a white background.

## Color Contrast Check

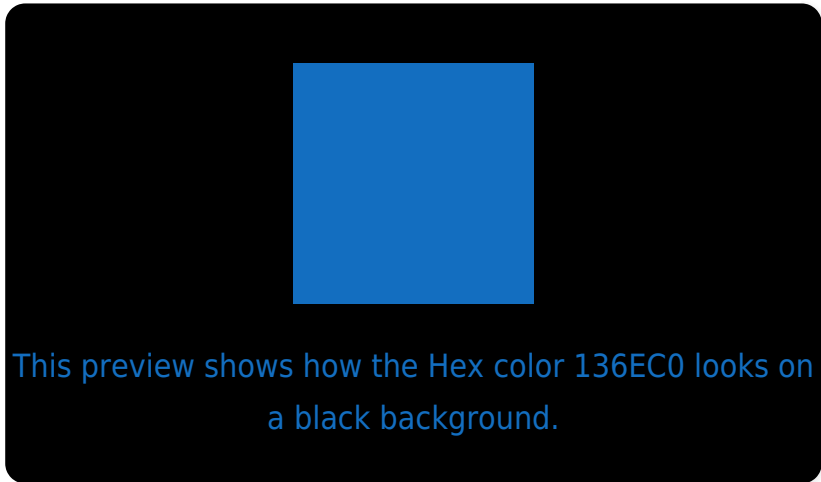
Large Text (above 18pt) WCAG AA ✓ Pass

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

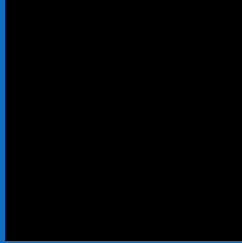
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 136EC0 Background



This preview shows how black text looks on a background with the Hex color 136EC0.



This preview shows how white text looks on a background with the Hex color 136EC0.

# 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](#).

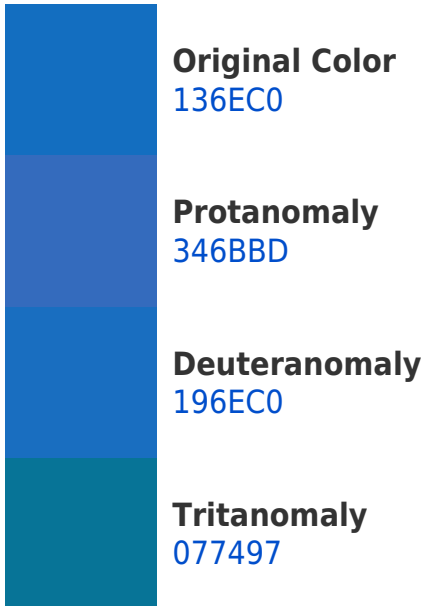
## Dichromacy



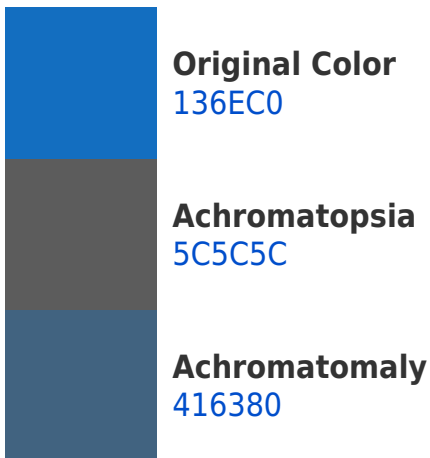


**Tritanopia**  
007880

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 136EC0 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 #136EC0 looks like.

```
.text, #text, p{  
    color:#136EC0  
}
```

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 #136EC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136EC0
}
```

## Border

The CSS property to change the border of an element to Hex 136EC0 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
#136EC0 }
```

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

```
.border{ border-color:#136EC0 }
```

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

Here you see how a box with a 4 pixel #136EC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136EC0; -webkit-box-shadow:4px 4px  
4px 4px #136EC0; box-shadow:4px 4px 4px  
4px #136EC0 }
```

# Background

The CSS property to change the background color of an element to Hex 136EC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136EC0 }
```

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

```
.background{ background-color:#136EC0 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor