

Converting Colors

Hex(138CEF)

Have a look what the booklet for
Hex(138CEF) contains.

Hex(138CEF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(138CEF)

Conversions

Conversions Part 1

Format	Color
Hex	138CEF
RGB	19, 140, 239
RGB Percent	7%, 55%, 94%
CMY	0.9255, 0.4510, 0.0627
CMYK	0.92, 0.41, 0.00, 0.06
HSL	207°, 87%, 51%
HSV	207°, 92%, 94%
XYZ	25.2266, 25.1266, 85.1817
YIQ	115.1070, -103.8950, 5.1370

Conversions

Conversions Part 2

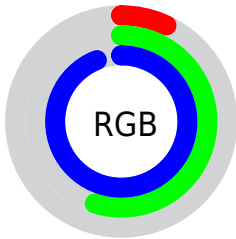
Format	Color
R_{YB}	19, 97, 239
Decimal	1281263
CIE _{Lab}	57.20, 5.81, -58.08
CIE _{LCh}	57, 58.372, 275.716
Yxy	25.1266, 0.1861, 0.1854
Android (android.graphics.Color)	4279471343 (0xFF138CEF)
YUV	115.1070, 61.0792, -84.2858
Hunter-Lab	50.1264, 2.1106, -65.6651

Details

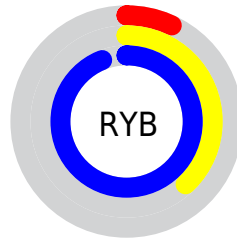
The Hex color **138CEF** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark washed azure. A complement of this color would be **EF7613**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6FC1FF**, and **005BB6** is the 20% darker color. If you saturate the color by 10%, you get **0083EF**, and if you desaturate by 10%, it is **2B97EF**.

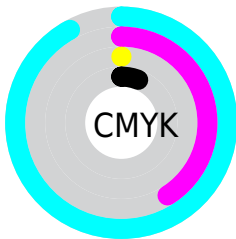
Distribution



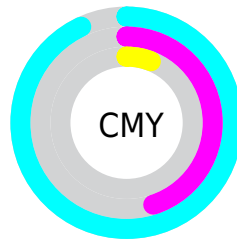
- Red (7%)
- Green (55%)
- Blue (94%)



- Red (7%)
- Yellow (38%)
- Blue (94%)



- Cyan (92%)
- Magenta (41%)
- Yellow (0%)
- Black (6%)



- Cyan (93%)
- Magenta (45%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 138CEF 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 138CEF by changing the saturation by 10% instead.

 138CEF

 138CEF

FFFFFF

 0073D2

 6FC1FF

 005BB6

 90DDFF

 00449B

 B0F9FF

 002F80

 D0FFFF

 001C67

 EFFFFFF

 000A4E

 000536

 000220

 000004

■ 138CEF

■ 138CEF

■ 0083EF

■ 2B97EF

■ 43A2EF

■ 5BACEF

■ 73B7EF

■ 8AC2EF

■ A2CDEF

■ BAD7EF

■ D2E2EF

■ EAEDEF

Harmonies

Analogous

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



009AE6



138CEF



9777DD

Triad

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



138CEF



DF6351



009F5D

Complementary

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



138CEF



EF7613

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.



65972F



138CEF



C47728

Square

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



138CEF



E55882



9A8A14



00A192

Rectangle

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



138CEF



C068C3



9A8A14



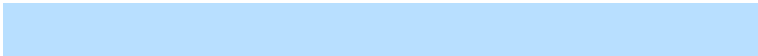
309D4D

Sweetspot

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



138CEF



B8DFFF



13EF76



546C80



000000



808080

Same Dimension

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



138CEF



008CFF



131EEF



6C7278



0065B8



001F38

Inverse Universe

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



EF138C



FF008C



EFE413



786C72



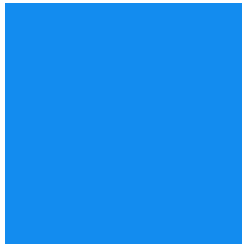
B80065



38001F

Previews

White Background



This preview shows how the Hex color 138CEF looks on a white background.

Color Contrast Check

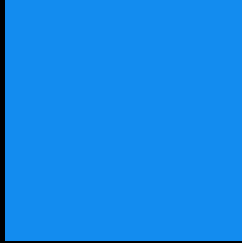
Large Text (above 18pt) WCAG AA ✓ Pass

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 138CEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

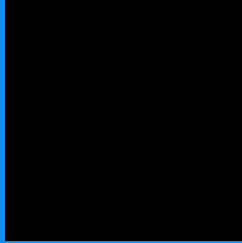
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

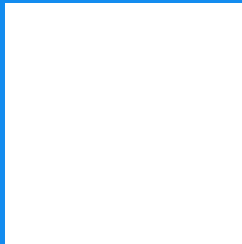
Any Text WCAG AAA × Fail

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

Hex 138CEF Background



This preview shows how black text looks on a background with the Hex color 138CEF.



This preview shows how white text looks on a background with the Hex color 138CEF.

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
138CEF

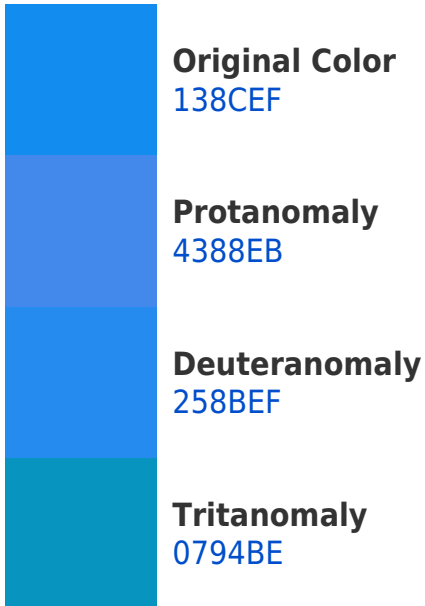
Protanopia
5E85E8

Deuteranopia
308AEF

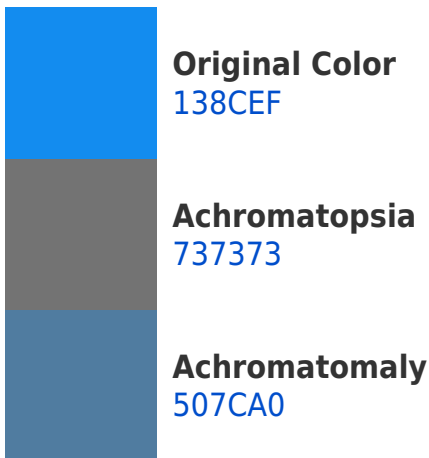


Tritanopia
0098A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 138CEF 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 #138CEF looks like.

```
.text, #text, p{  
    color:#138CEF  
}
```

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 #138CEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138CEF
}
```

Border

The CSS property to change the border of an element to Hex 138CEF 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
#138CEF }
```

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

```
.border{ border-color:#138CEF }
```

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

Here you see how a box with a 4 pixel #138CEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138CEF; -webkit-box-shadow:4px 4px  
4px 4px #138CEF; box-shadow:4px 4px 4px  
4px #138CEF }
```

Background

The CSS property to change the background color of an element to Hex 138CEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138CEF }
```

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

```
.background{ background-color:#138CEF }
```

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