

Converting Colors

Hex(158EEA)

Have a look what the booklet for
Hex(158EEA) contains.

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Color

Hex(158EEA)

Conversions

Conversions Part 1

Format	Color
Hex	158EEA
RGB	21, 142, 234
RGB Percent	8%, 56%, 92%
CMY	0.9176, 0.4431, 0.0824
CMYK	0.91, 0.39, 0.00, 0.08
HSL	206°, 84%, 50%
HSV	206°, 91%, 92%
XYZ	24.8335, 25.4459, 81.4446
YIQ	116.3090, -101.6480, 2.9600

Conversions

Conversions Part 2

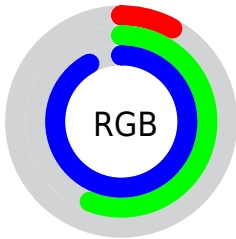
Format	Color
RYB	21, 98, 234
Decimal	1412842
CIELab	57.51, 2.80, -54.81
CIELCh	58, 54.885, 272.929
Yxy	25.4459, 0.1885, 0.1932
Android (android.graphics.Color)	4279602922 (0xFF158EEA)
YUV	116.3090, 58.0217, -83.5860
Hunter-Lab	50.4440, -0.4015, -60.4162

Details

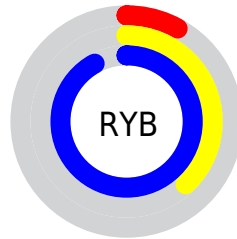
The Hex color **158EEA** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **EA7115**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **6FC3FF**, and **005DB2** is the 20% darker color. If you saturate the color by 10%, you get **0085EA**, and if you desaturate by 10%, it is **2C98EA**.

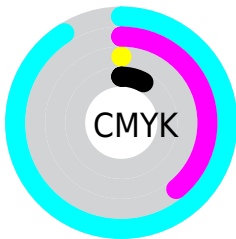
Distribution



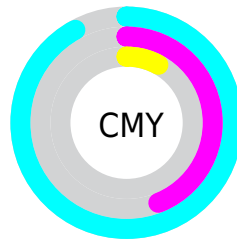
- Red (8%)
- Green (56%)
- Blue (92%)



- Red (8%)
- Yellow (38%)
- Blue (92%)



- Cyan (91%)
- Magenta (39%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (44%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158EEA 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 158EEA by changing the saturation by 10% instead.

 158EEA

 158EEA

FFFFFF

 0075CD

 6FC3FF

 005DB2

 8FDFFF

 004696

 AFFBFF

 00307C

 CEFFFF

 001D63

 EDFFFF

 00094A

 000432

 00021C

 000000

■ 158EEA

■ 158EEA

■ 0085EA

■ 2C98EA

■ 44A2EA

■ 5BACEA

■ 73B6EA

■ 8AC1EA

■ A1CBEA

■ B9D5EA

■ D0DFEA

■ E8E9EA

Harmonies

Analogous

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



009ADF



158EEA



927BDB

Triad

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



158EEA



DD6559



1C9E5C

Complementary

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



158EEA



EA7115

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.



6E9633



158EEA



C57733

Square

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



158EEA



E05D87



9F8920



00A18E

Rectangle

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



158EEA



B96EC5



9F8920



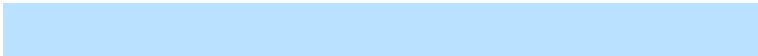
429C4D

Sweetspot

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



158EEA



BAE1FF



15EA6E



576E80



000000



808080

Same Dimension

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



158EEA



0091FF



1527EA



6A7075



0067B5



001E36

Inverse Universe

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



EA158E



FF0091



EAD815



756A70



B50067



36001E

Previews

White Background



This preview shows how the Hex color 158EEA looks on a white background.

Color Contrast Check

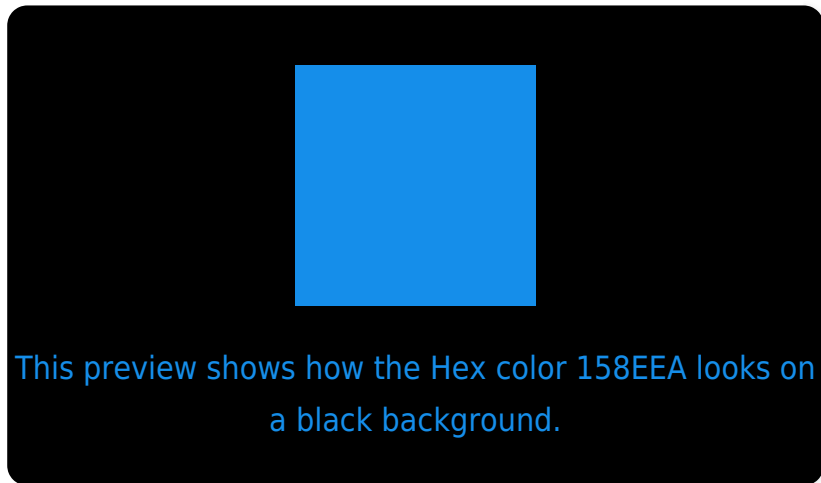
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

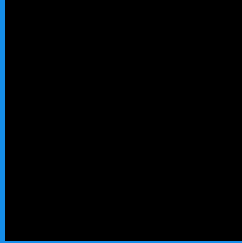
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

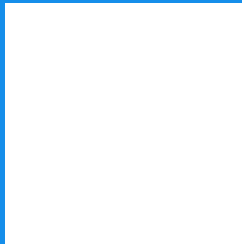
Any Text WCAG AAA × Fail

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

Hex 158EEA Background



This preview shows how black text looks on a background with the Hex color 158EEA.

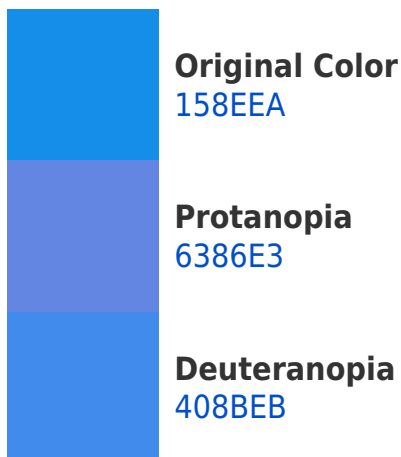


This preview shows how white text looks on a background with the Hex color 158EEA.

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](#).

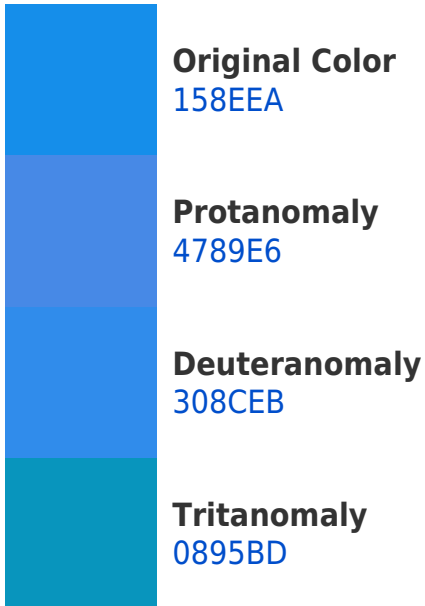
Dichromacy



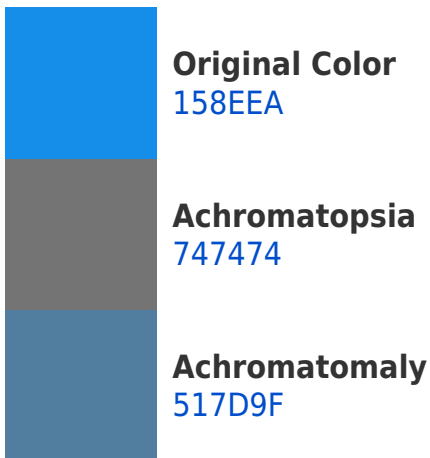


Tritanopia
0099A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 158EEA 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 #158EEA looks like.

```
.text, #text, p{  
    color:#158EEA  
}
```

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 #158EEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158EEA
}
```

Border

The CSS property to change the border of an element to Hex 158EEA 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
#158EEA }
```

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

```
.border{ border-color:#158EEA }
```

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

Here you see how a box with a 4 pixel #158EEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158EEA; -webkit-box-shadow:4px 4px  
4px 4px #158EEA; box-shadow:4px 4px 4px  
4px #158EEA }
```

Background

The CSS property to change the background color of an element to Hex 158EEA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158EEA }
```

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

```
.background{ background-color:#158EEA }
```

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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