

Converting Colors

Hex(158CD0)

Have a look what the booklet for
Hex(158CD0) contains.

Hex(158CD0)	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(158CD0)

Conversions

Conversions Part 1

Format	Color
Hex	158CD0
RGB	21, 140, 208
RGB Percent	8%, 55%, 82%
CMY	0.9176, 0.4510, 0.1843
CMYK	0.90, 0.33, 0.00, 0.18
HSL	202°, 82%, 45%
HSV	202°, 90%, 82%
XYZ	21.0725, 23.4697, 63.0940
YIQ	112.1710, -92.7520, -4.0800

Conversions

Conversions Part 2

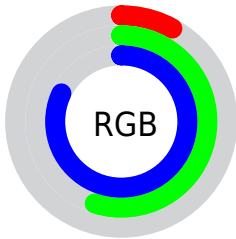
Format	Color
RYB	21, 94, 208
Decimal	1412304
CIELab	55.55, -5.80, -43.37
CIElCh	56, 43.759, 262.385
Yxy	23.4697, 0.1958, 0.2180
Android (android.graphics.Color)	4279602384 (0xFF158CD0)
YUV	112.1710, 47.2437, -79.9570
Hunter-Lab	48.4455, -7.1368, -43.3057

Details

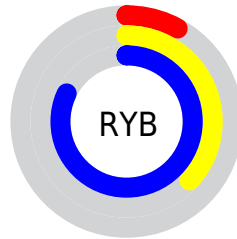
The Hex color **158CD0** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D05915**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69C1FF**, and **005A99** is the 20% darker color. If you saturate the color by 10%, you get **0084D0**, and if you desaturate by 10%, it is **2A94D0**.

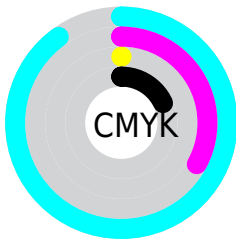
Distribution



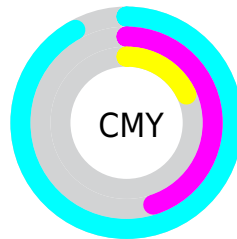
- Red (8%)
- Green (55%)
- Blue (82%)



- Red (8%)
- Yellow (37%)
- Blue (82%)



- Cyan (90%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (92%)
- Magenta (45%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158CD0 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 158CD0 by changing the saturation by 10% instead.

 158CD0

 158CD0

FFFFFF

 0073B4

 69C1FF

 005A99

 88DDFF

 00437F

 A7FAFF

 002D65

 C5FFFF

 001A4D

 E4FFFF

 000536

 00021F

 000003

 000000

■ 158CD0

■ 158CD0

■ 0084D0

■ 2A94D0

■ 3F9BD0

■ 53A3D0

■ 68AAD0

■ 7DB2D0

■ 92B9D0

■ A7C1D0

■ BBC9D0

■ D0D0D0

Harmonies

Analogous

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



0094C0



158CD0



787FCB

Triad

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



158CD0



CC676A



529455

Complementary

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



158CD0



D05915

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.



7F8C3C



158CD0



BF724A

Square

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



158CD0



C66690



A48038



00987A

Rectangle

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



158CD0



9C75BD



A48038



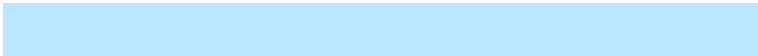
62914B

Sweetspot

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



158CD0



BAE6FF



15D056



577180



000000



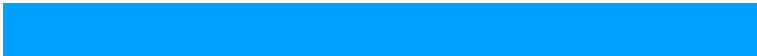
808080

Same Dimension

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



158CD0



00A2FF



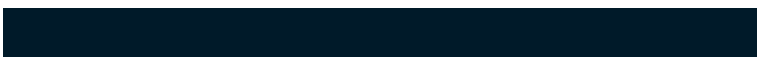
1531D0



5E6569



006BA8



001A29

Inverse Universe

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



D0158C



FF00A2



D0B415



695E65



A8006B



29001A

Previews

White Background



This preview shows how the Hex color 158CD0 looks on a white background.

Color Contrast Check

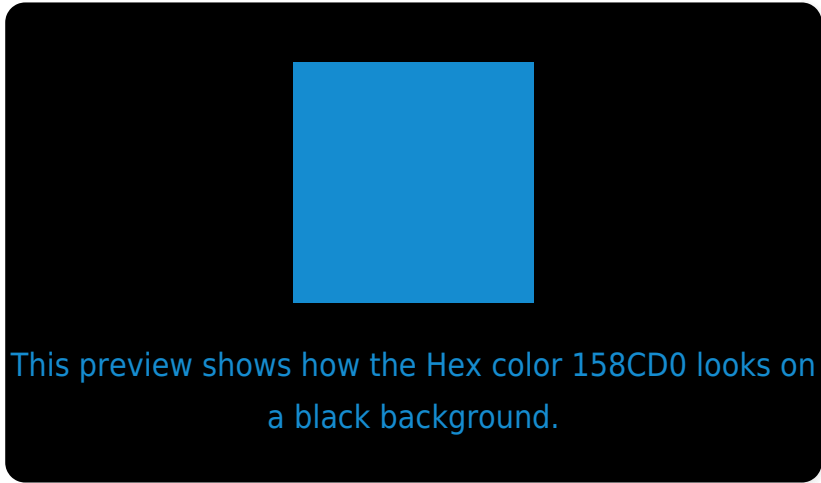
Large Text (above 18pt) WCAG AA ✓ Pass

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

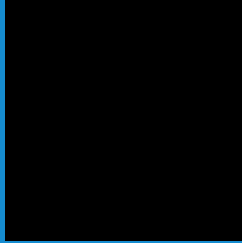
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

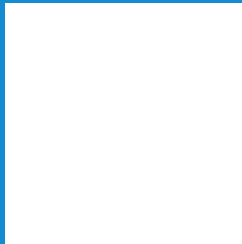
Any Text WCAG AAA × Fail

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

Hex 158CD0 Background



This preview shows how black text looks on a background with the Hex color 158CD0.

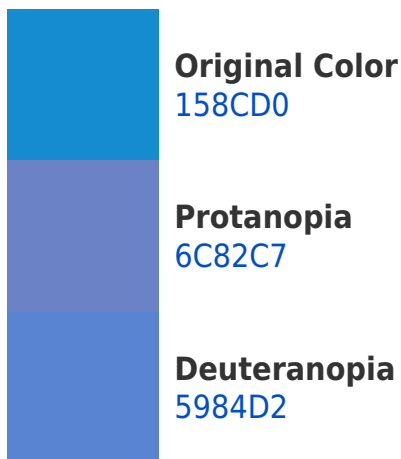


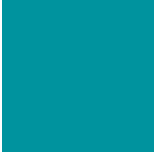
This preview shows how white text looks on a background with the Hex color 158CD0.

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](#).

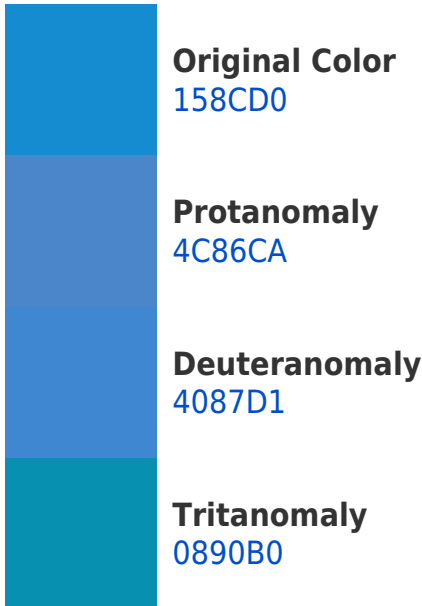
Dichromacy



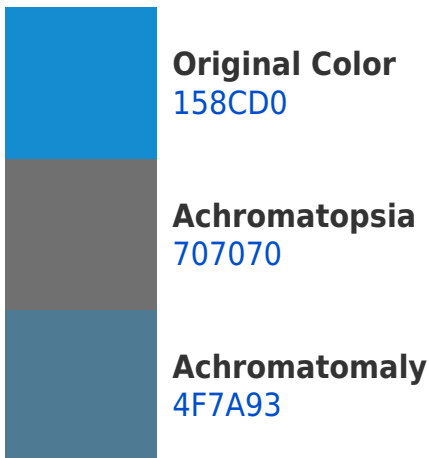


Tritanopia
00939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 158CD0 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 #158CD0 looks like.

```
.text, #text, p{  
    color:#158CD0  
}
```

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 #158CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158CD0
}
```

Border

The CSS property to change the border of an element to Hex 158CD0 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
#158CD0 }
```

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

```
.border{ border-color:#158CD0 }
```

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

Here you see how a box with a 4 pixel #158CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158CD0; -webkit-box-shadow:4px 4px  
4px 4px #158CD0; box-shadow:4px 4px 4px  
4px #158CD0 }
```

Background

The CSS property to change the background color of an element to Hex 158CD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158CD0 }
```

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

```
.background{ background-color:#158CD0 }
```

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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