

Converting Colors

Hex(158DD4)

Have a look what the booklet for
Hex(158DD4) contains.

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Color

Hex(158DD4)

Conversions

Conversions Part 1

Format	Color
Hex	158DD4
RGB	21, 141, 212
RGB Percent	8%, 55%, 83%
CMY	0.9176, 0.4471, 0.1686
CMYK	0.90, 0.33, 0.00, 0.17
HSL	202°, 82%, 46%
HSV	202°, 90%, 83%
XYZ	21.7178, 23.9626, 65.7680
YIQ	113.2140, -94.3110, -3.3590

Conversions

Conversions Part 2

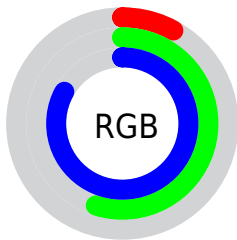
Format	Color
R _Y B	21, 95, 212
Decimal	1412564
CIE Lab	56.05, -4.89, -44.84
CIE LCh	56, 45.103, 263.782
Yxy	23.9626, 0.1949, 0.2150
Android (android.graphics.Color)	4279602644 (0xFF158DD4)
YUV	113.2140, 48.7015, -80.8717
Hunter-Lab	48.9517, -6.4724, -45.3917

Details

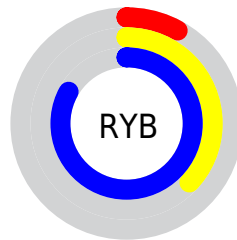
The Hex color **158DD4** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D45C15**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **69C2FF**, and **005B9D** is the 20% darker color. If you saturate the color by 10%, you get **0085D4**, and if you desaturate by 10%, it is **2A95D4**.

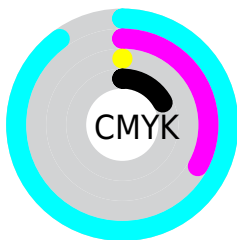
Distribution



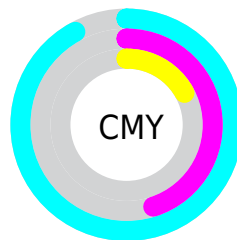
- Red (8%)
- Green (55%)
- Blue (83%)



- Red (8%)
- Yellow (37%)
- Blue (83%)



- Cyan (90%)
- Magenta (33%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 158DD4 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 158DD4 by changing the saturation by 10% instead.

 158DD4

 158DD4

FFFFFF

 0074B8

 69C2FF

 005B9D

 89DEFF

 004482

 A8FBFF

 002E69

 C7FFFF

 001B50

 E5FFFF

 000539

 000222

 000009

 000000

■ 158DD4

■ 158DD4

■ 0085D4

■ 2A95D4

■ 3F9DD4

■ 55A5D4

■ 6AADD4

■ 7FB4D4

■ 94BCD4

■ A9C4D4

■ BFCCD4

■ D4D4D4

Harmonies

Analogous

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



0096C5



158DD4



7B7FCE

Triad

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



158DD4



CF6769



4E9656

Complementary

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



158DD4



D45C15

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.



7E8E3B



158DD4



C17348

Square

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



158DD4



CA6590



A48136



009A7D

Rectangle

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



158DD4



A075BF



A48136



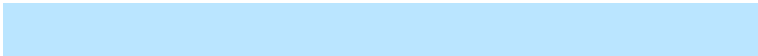
60934B

Sweetspot

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



158DD4



BAE5FF



15D45B



577080



000000



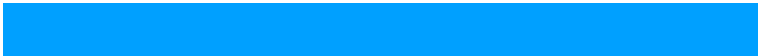
808080

Same Dimension

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



158DD4



00A0FF



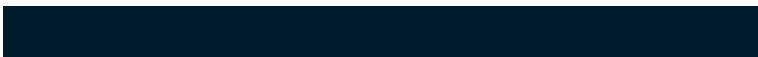
152ED4



60676B



006BAB



001B2B

Inverse Universe

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



D4158D



FF00A0



D4BB15



6B6067



AB006B



2B001B

Previews

White Background



This preview shows how the Hex color 158DD4 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 158DD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

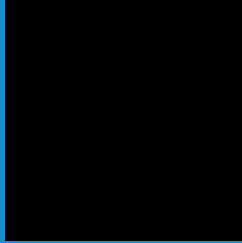
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

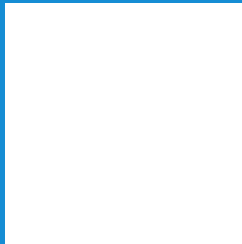
Any Text WCAG AAA × Fail

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

Hex 158DD4 Background



This preview shows how black text looks on a background with the Hex color 158DD4.

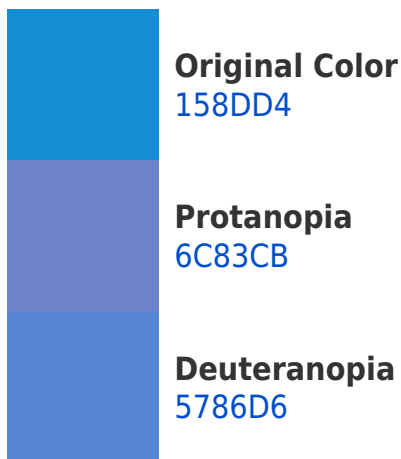


This preview shows how white text looks on a background with the Hex color 158DD4.

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](#).

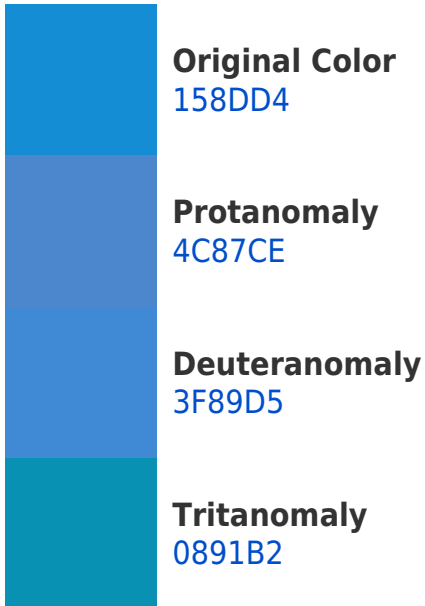
Dichromacy





Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 158DD4 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 #158DD4 looks like.

```
.text, #text, p{  
    color:#158DD4  
}
```

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 #158DD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #158DD4
}
```

Border

The CSS property to change the border of an element to Hex 158DD4 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
#158DD4 }
```

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

```
.border{ border-color:#158DD4 }
```

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

Here you see how a box with a 4 pixel #158DD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #158DD4; -webkit-box-shadow:4px 4px  
4px 4px #158DD4; box-shadow:4px 4px 4px  
4px #158DD4 }
```

Background

The CSS property to change the background color of an element to Hex 158DD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#158DD4 }
```

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

```
.background{ background-color:#158DD4 }
```

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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