

Converting Colors

Hex(156BD8)

Have a look what the booklet for
Hex(156BD8) contains.

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Color

Hex(156BD8)

Conversions

Conversions Part 1

Format	Color
Hex	156BD8
RGB	21, 107, 216
RGB Percent	8%, 42%, 85%
CMY	0.9176, 0.5804, 0.1529
CMYK	0.90, 0.50, 0.00, 0.15
HSL	214°, 82%, 46%
HSV	214°, 90%, 85%
XYZ	17.9616, 15.6327, 67.0365
YIQ	93.7120, -86.2450, 15.6670

Conversions

Conversions Part 2

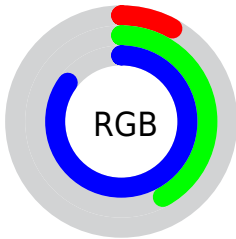
Format	Color
RYB	21, 81, 216
Decimal	1403864
CIELab	46.49, 17.58, -62.40
CIELCh	46, 64.832, 285.733
Yxy	15.6327, 0.1785, 0.1553
Android (android.graphics.Color)	4279593944 (0xFF156BD8)
YUV	93.7120, 60.2880, -63.7684
Hunter-Lab	39.5382, 11.8981, -72.8487

Details

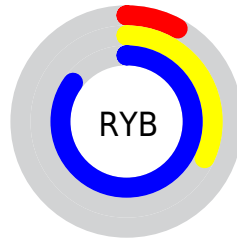
The Hex color **156BD8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D88215**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6B9EFF**, and **003DA0** is the 20% darker color. If you saturate the color by 10%, you get **005FD8**, and if you desaturate by 10%, it is **2B77D8**.

Distribution



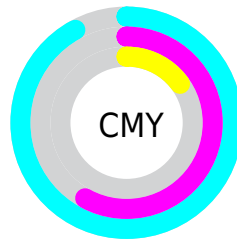
- Red (8%)
- Green (42%)
- Blue (85%)



- Red (8%)
- Yellow (32%)
- Blue (85%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)
- Black (15%)



- Cyan (92%)
- Magenta (58%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156BD8 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 156BD8 by changing the saturation by 10% instead.

■ 156BD8

■ 156BD8

FFFFFF

■ 0053BC

■ 6B9EFF

■ 003DA0

■ 8BB8FF

■ 002985

■ AAD4FF

■ 00166B

■ C8F0FF

■ 000952

■ E7FFFF

■ 00063A

■ 000224

■ 00000B

■ 000000

■ 156BD8

■ 156BD8

■ 005FD8

■ 2B77D8

■ 4083D8

■ 568FD8

■ 6B9BD8

■ 81A7D8

■ 97B3D8

■ ACC0D8

■ C2CCD8

■ D7D8D8

Harmonies

Analogous

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



007CD8



156BD8



9351BB

Triad

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



156BD8



BD4820



008551

Complementary

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



156BD8



D88215

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.



227F16



156BD8



9B6200

Square

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



156BD8



CD2F54



6B7400



00868A

Rectangle

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



156BD8



B63C9C



6B7400



00833E

Sweetspot

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



156BD8



BAD9FF



15D880



576980



000000



808080

Same Dimension

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



156BD8



0070FF



1F15D8



60656B



004BAB



00132B

Inverse Universe

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



D8156B



FF0070



CED815



6B6065



AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 156BD8 looks on a white background.

Color Contrast Check

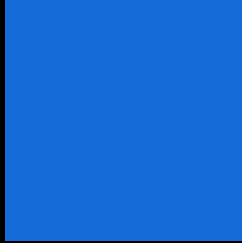
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 156BD8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

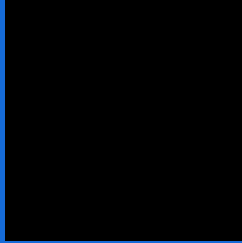
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

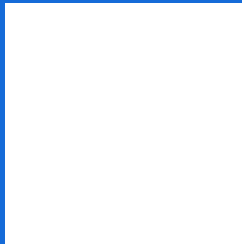
Any Text WCAG AAA × Fail

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

Hex 156BD8 Background



This preview shows how black text looks on a background with the Hex color 156BD8.



This preview shows how white text looks on a background with the Hex color 156BD8.

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



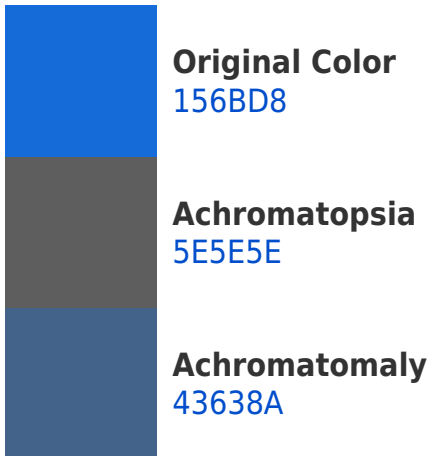


Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 156BD8 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 #156BD8 looks like.

```
.text, #text, p{  
    color:#156BD8  
}
```

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 #156BD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156BD8
}
```

Border

The CSS property to change the border of an element to Hex 156BD8 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
#156BD8 }
```

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

```
.border{ border-color:#156BD8 }
```

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

Here you see how a box with a 4 pixel #156BD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156BD8; -webkit-box-shadow:4px 4px  
4px 4px #156BD8; box-shadow:4px 4px 4px  
4px #156BD8 }
```

Background

The CSS property to change the background color of an element to Hex 156BD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156BD8 }
```

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

```
.background{ background-color:#156BD8 }
```

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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