

Converting Colors

Hex(156CD6)

Have a look what the booklet for
Hex(156CD6) contains.

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Color

Hex(156CD6)

Conversions

Conversions Part 1

Format	Color
Hex	156CD6
RGB	21, 108, 214
RGB Percent	8%, 42%, 84%
CMY	0.9176, 0.5765, 0.1608
CMYK	0.90, 0.50, 0.00, 0.16
HSL	213°, 82%, 46%
HSV	213°, 90%, 84%
XYZ	17.8094, 15.7396, 65.7177
YIQ	94.0710, -85.8780, 14.5220

Conversions

Conversions Part 2

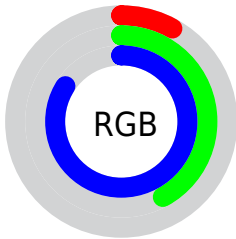
Format	Color
RYB	21, 81, 214
Decimal	1404118
CIELab	46.63, 16.15, -61.04
CIELCh	47, 63.137, 284.824
Yxy	15.7396, 0.1794, 0.1586
Android (android.graphics.Color)	4279594198 (0xFF156CD6)
YUV	94.0710, 59.1250, -64.0833
Hunter-Lab	39.6732, 10.7013, -70.4414

Details

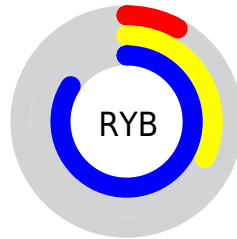
The Hex color **156CD6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D67F15**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **6A9FFF**, and **003E9E** is the 20% darker color. If you saturate the color by 10%, you get **0060D6**, and if you desaturate by 10%, it is **2A78D6**.

Distribution



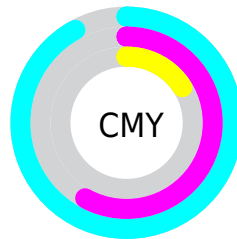
- Red (8%)
- Green (42%)
- Blue (84%)



- Red (8%)
- Yellow (32%)
- Blue (84%)



- Cyan (90%)
- Magenta (50%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (58%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 156CD6 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 156CD6 by changing the saturation by 10% instead.

 156CD6

 156CD6

FFFFFF

 0054BA

 6A9FFF

 003E9E

 8AB9FF

 002984

 A9D5FF

 00176A


 C8F1FF

 000951

 E6FFFF

 000539

 000222

 000009

 000000

■ 156CD6

■ 156CD6

■ 0060D6

■ 2A78D6

■ 4084D6

■ 558FD6

■ 6B9BD6

■ 80A7D6

■ 95B3D6

■ ABBED6

■ C0CAD6

■ D6D6D6

Harmonies

Analogous

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



007CD5



156CD6



9153BA

Triad

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



156CD6



BD4924



008451

Complementary

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



156CD6



D67F15

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.



2A7F18



156CD6



9C6200

Square

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



156CD6



CB3257



6D7400



008688

Rectangle

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



156CD6



B4409D



6D7400



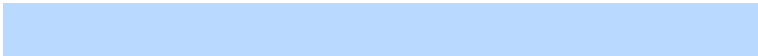
00833E

Sweetspot

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



156CD6



BAD9FF



15D67C



576980



000000



808080

Same Dimension

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



156CD6



0073FF



1B15D6



60656B



004DAB



00142B

Inverse Universe

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



D6156C



FF0073



D0D615



6B6065



AB004D



2B0014

Previews

White Background



This preview shows how the Hex color 156CD6 looks on a white background.

Color Contrast Check

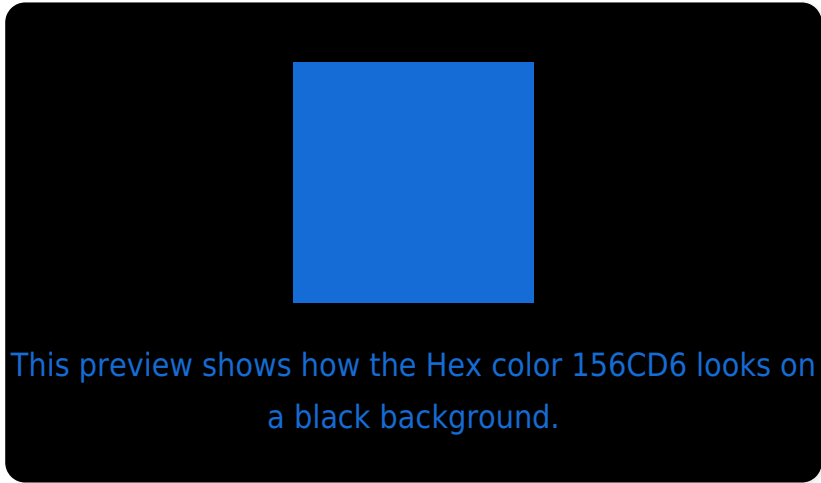
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

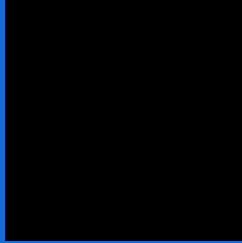
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

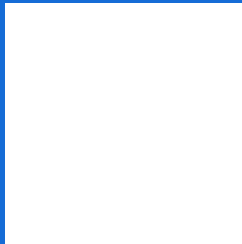
Any Text WCAG AAA × Fail

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

Hex 156CD6 Background



This preview shows how black text looks on a background with the Hex color 156CD6.

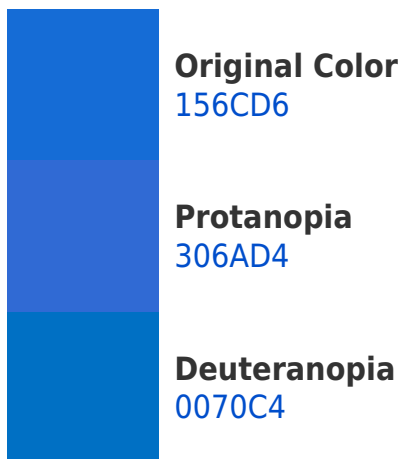


This preview shows how white text looks on a background with the Hex color 156CD6.

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](#).

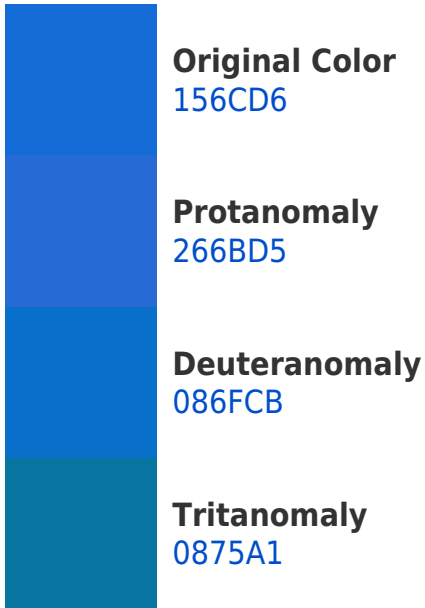
Dichromacy



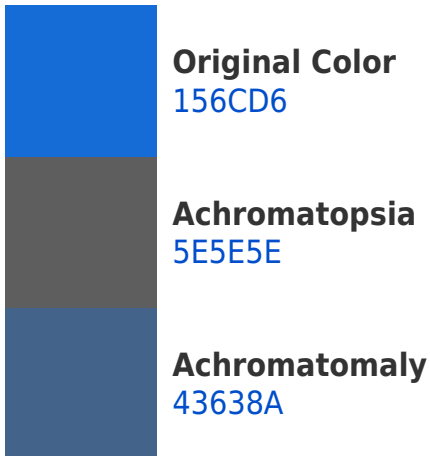


Tritanopia
007A82

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 156CD6 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 #156CD6 looks like.

```
.text, #text, p{  
    color:#156CD6  
}
```

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 #156CD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #156CD6  
}
```

Border

The CSS property to change the border of an element to Hex 156CD6 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  
#156CD6 }
```

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

```
.border{ border-color:#156CD6 }
```

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

Here you see how a box with a 4 pixel #156CD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #156CD6; -webkit-box-shadow:4px 4px  
4px 4px #156CD6; box-shadow:4px 4px 4px  
4px #156CD6 }
```

Background

The CSS property to change the background color of an element to Hex 156CD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#156CD6 }
```

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

```
.background{ background-color:#156CD6 }
```

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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