

Converting Colors

Hex(165BDC)

Have a look what the booklet for
Hex(165BDC) contains.

Hex(165BDC)	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(165BDC)

Conversions

Conversions Part 1

Format	Color
Hex	165BDC
RGB	22, 91, 220
RGB Percent	9%, 36%, 86%
CMY	0.9137, 0.6431, 0.1373
CMYK	0.90, 0.59, 0.00, 0.14
HSL	219°, 82%, 47%
HSV	219°, 90%, 86%
XYZ	16.9902, 12.8201, 69.2892
YIQ	85.0750, -82.5330, 25.4910

Conversions

Conversions Part 2

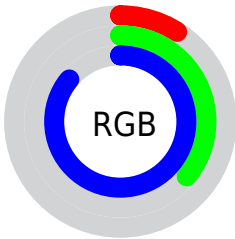
Format	Color
R_{YB}	22, 73, 220
Decimal	1465308
CIE _{Lab}	42.49, 29.54, -71.18
CIE _{LCh}	42, 77.069, 292.540
Yxy	12.8201, 0.1714, 0.1294
Android (android.graphics.Color)	4279655388 (0xFF165BDC)
YUV	85.0750, 66.5180, -55.3168
Hunter-Lab	35.8051, 22.0429, -89.6730

Details

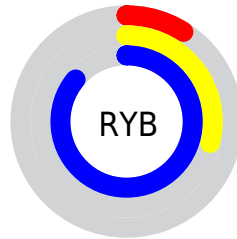
The Hex color **165BDC** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **DC9716**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6D8CFF**, and **002FA4** is the 20% darker color. If you saturate the color by 10%, you get **004DDC**, and if you desaturate by 10%, it is **2C69DC**.

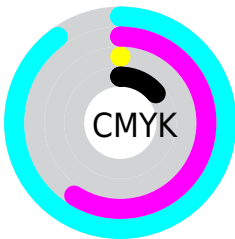
Distribution



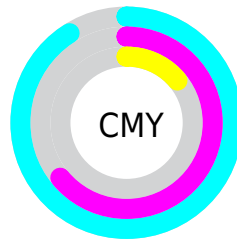
- Red (9%)
- Green (36%)
- Blue (86%)



- Red (9%)
- Yellow (29%)
- Blue (86%)



- Cyan (90%)
- Magenta (59%)
- Yellow (0%)
- Black (14%)



- Cyan (91%)
- Magenta (64%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 165BDC 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 165BDC by changing the saturation by 10% instead.

■ 165BDC

■ 165BDC

FFFFFF

■ 0044C0

■ 6D8CFF

■ 002FA4

■ 8DA7FF

■ 001C89

■ ADC2FF

■ 00066F

■ CCDDFF

■ 000C55

■ EBFAFF

■ 00063D

■ 000326

■ 00010F

■ 000000

■ 165BDC

■ 165BDC

■ 004DDC

■ 2C69DC

■ 4278DC

■ 5886DC

■ 6E94DC

■ 84A3DC

■ 9AB1DC

■ B0BFDC

■ C6CEDC

■ DCDCDC

Harmonies

Analogous

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



0072E5



165BDC



9E32B3

Triad

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



165BDC



B43B00



007D52

Complementary

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



165BDC



DC9716

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.



007900



165BDC



885C00

Square

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



165BDC



CD0039



4D6F00



007E94

Rectangle

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



165BDC



C0008C



4D6F00



007C3B

Sweetspot

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



165BDC



BAD2FF



16DC97



576580



000000



808080

Same Dimension

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



165BDC



0059FF



3416DC



63676E



003CAD



00102E

Inverse Universe

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



DC165B



FF0059



BEDC16



6E6367



AD003C



2E0010

Previews

White Background



This preview shows how the Hex color 165BDC looks on a white background.

Color Contrast Check

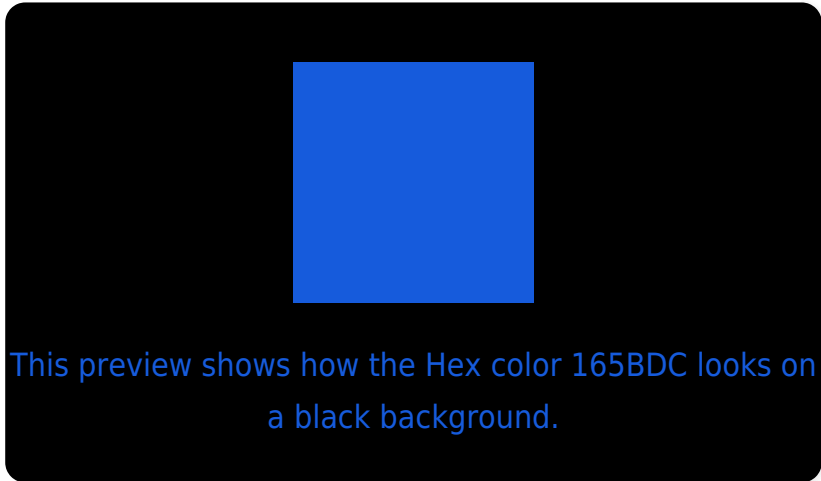
Large Text (above 18pt) WCAG AA ✓ Pass

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

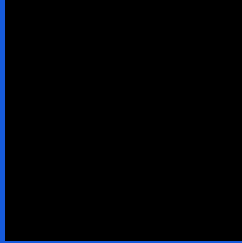
Any Text WCAG AA × Fail

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 165BDC Background



This preview shows how black text looks on a background with the Hex color 165BDC.



This preview shows how white text looks on a background with the Hex color 165BDC.

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](#).

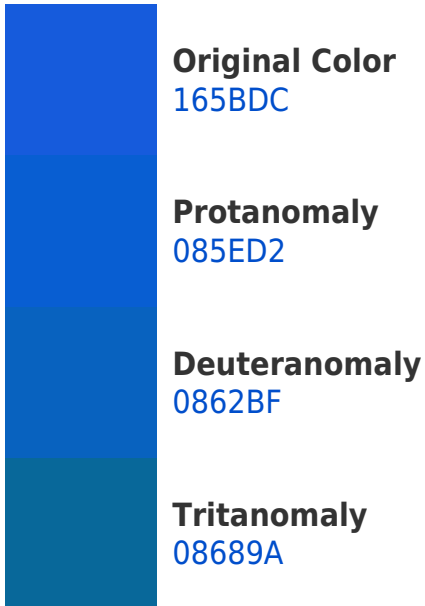
Dichromacy



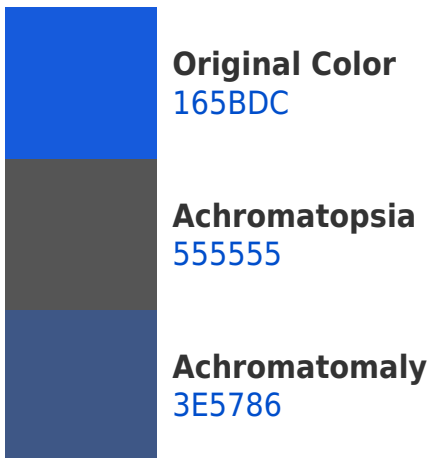


Tritanopia
006F75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 165BDC 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 #165BDC looks like.

```
.text, #text, p{  
    color:#165BDC  
}
```

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 #165BDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #165BDC
}
```

Border

The CSS property to change the border of an element to Hex 165BDC 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
#165BDC }
```

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

```
.border{ border-color:#165BDC }
```

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

Here you see how a box with a 4 pixel #165BDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #165BDC; -webkit-box-shadow:4px 4px  
4px 4px #165BDC; box-shadow:4px 4px 4px  
4px #165BDC }
```

Background

The CSS property to change the background color of an element to Hex 165BDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#165BDC }
```

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

```
.background{ background-color:#165BDC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor