

Converting Colors

Hex(146BD3)

Have a look what the booklet for
Hex(146BD3) contains.

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Color

Hex(146BD3)

Conversions

Conversions Part 1

Format	Color
Hex	146BD3
RGB	20, 107, 211
RGB Percent	8%, 42%, 83%
CMY	0.9216, 0.5804, 0.1725
CMYK	0.91, 0.49, 0.00, 0.17
HSL	213°, 83%, 45%
HSV	213°, 91%, 83%
XYZ	17.3041, 15.3673, 63.6822
YIQ	92.8430, -85.2360, 13.9000

Conversions

Conversions Part 2

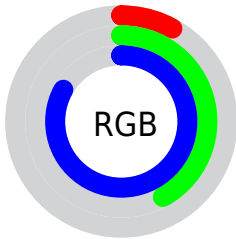
Format	Color
RYB	20, 80, 211
Decimal	1338323
CIELab	46.13, 15.57, -60.13
CIELCh	46, 62.113, 284.515
Yxy	15.3673, 0.1796, 0.1595
Android (android.graphics.Color)	4279528403 (0xFF146BD3)
YUV	92.8430, 58.2514, -63.8833
Hunter-Lab	39.2011, 10.1911, -68.8758

Details

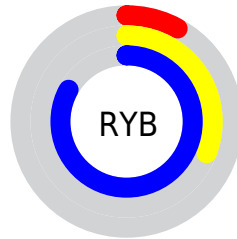
The Hex color **146BD3** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D37C14**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **699EFF**, and **003D9C** is the 20% darker color. If you saturate the color by 10%, you get **0060D3**, and if you desaturate by 10%, it is **2976D3**.

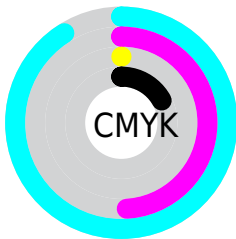
Distribution



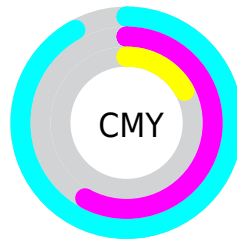
- Red (8%)
- Green (42%)
- Blue (83%)



- Red (8%)
- Yellow (31%)
- Blue (83%)



- Cyan (91%)
- Magenta (49%)
- Yellow (0%)
- Black (17%)



- Cyan (92%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 146BD3 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 146BD3 by changing the saturation by 10% instead.

 146BD3

 146BD3

FFFFFF

 0053B7

 699EFF

 003D9C

 89B8FF

 002881

 A8D4FF

 001667

 C6F0FF

 000A4E

 E5FFFF

 000536

 000220

 000004

 000000

■ 146BD3

■ 146BD3

■ 0060D3

■ 2976D3

■ 3E82D3

■ 538DD3

■ 6899D3

■ 7DA4D3

■ 93B0D3

■ A8BBD3

■ BDC7D3

■ D2D2D3

Harmonies

Analogous

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



007BD2



146BD3



8E53B8

Triad

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



146BD3



BB4925



008350

Complementary

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



146BD3



D37C14

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.



2C7D18



146BD3



9A6100

Square

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



146BD3



C83356



6D7300



008586

Rectangle

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



146BD3



B1409B



6D7300



00813E

Sweetspot

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



146BD3



BADAFF



14D37A



576980



000000



808080

Same Dimension

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



146BD3



0074FF



1A14D3



5E6369



004DA8



001329

Inverse Universe

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



D3146B



FF0074



CDD314



695E63



A8004D



290013

Previews

White Background



This preview shows how the Hex color 146BD3 looks on a white background.

Color Contrast Check

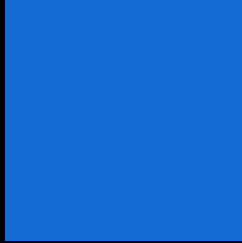
Large Text (above 18pt) WCAG AA ✓ Pass

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 146BD3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

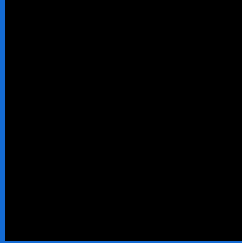
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

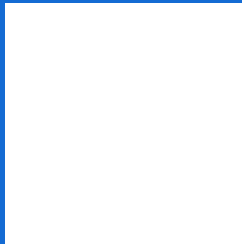
Any Text WCAG AAA × Fail

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

Hex 146BD3 Background



This preview shows how black text looks on a background with the Hex color 146BD3.

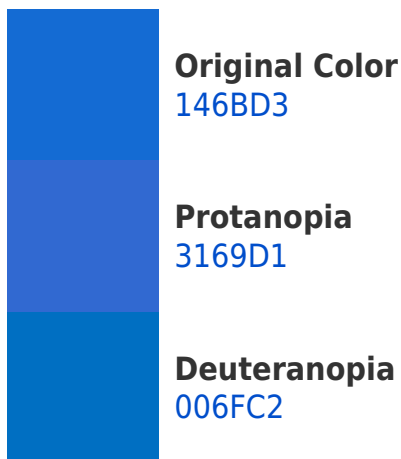


This preview shows how white text looks on a background with the Hex color 146BD3.

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

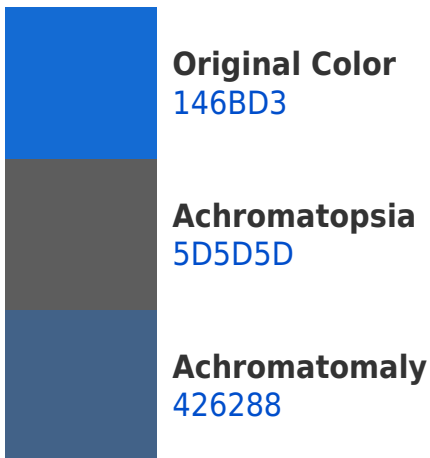




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 146BD3 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 #146BD3 looks like.

```
.text, #text, p{  
    color:#146BD3  
}
```

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 #146BD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #146BD3
}
```

Border

The CSS property to change the border of an element to Hex 146BD3 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
#146BD3 }
```

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

```
.border{ border-color:#146BD3 }
```

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

Here you see how a box with a 4 pixel #146BD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #146BD3; -webkit-box-shadow:4px 4px  
4px 4px #146BD3; box-shadow:4px 4px 4px  
4px #146BD3 }
```

Background

The CSS property to change the background color of an element to Hex 146BD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#146BD3 }
```

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

```
.background{ background-color:#146BD3 }
```

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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