

# Converting Colors

Hex(136DBD)

Have a look what the booklet for  
Hex(136DBD) contains.

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# Color

**Hex(136DBD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	136DBD
RGB	19, 109, 189
RGB Percent	7%, 43%, 74%
CMY	0.9255, 0.5725, 0.2588
CMYK	0.90, 0.42, 0.00, 0.26
HSL	208°, 82%, 41%
HSV	208°, 90%, 74%
XYZ	14.9225, 14.7498, 50.2046
YIQ	91.2100, -79.3200, 5.8000

# Conversions

## Conversions Part 2

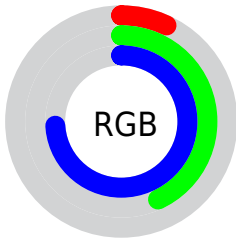
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	19, 78, 189
Decimal	1273277
CIE <sub>Lab</sub>	45.29, 5.56, -48.84
CIE <sub>LCh</sub>	45, 49.154, 276.490
Yxy	14.7498, 0.1868, 0.1847
Android (android.graphics.Color)	4279463357 (0xFF136DBD)
YUV	91.2100, 48.2105, -63.3282
Hunter-Lab	38.4055, 2.1467, -50.6214

# Details

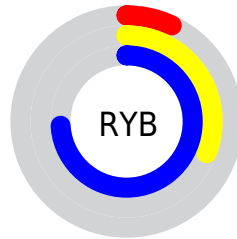
The Hex color **136DBD** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BD6313**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **63A0F6**, and **003E87** is the 20% darker color. If you saturate the color by 10%, you get **0064BD**, and if you desaturate by 10%, it is **2676BD**.

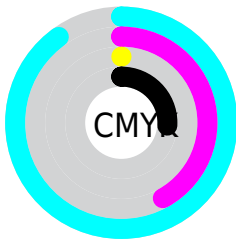
# Distribution



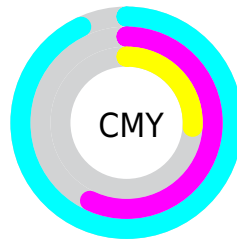
- Red (7%)
- Green (43%)
- Blue (74%)



- Red (7%)
- Yellow (31%)
- Blue (74%)



- Cyan (90%)
- Magenta (42%)
- Yellow (0%)
- Black (26%)



- Cyan (93%)
- Magenta (57%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 136DBD 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 136DBD by changing the saturation by 10% instead.



■ 136DBD

■ 136DBD

FFFFFF

■ 0055A2

■ 63A0F6

■ 003E87

■ 81BBFF

■ 00296D

■ 9FD6FF

■ 001654

■ BDF3FF

■ 00063C

■ DCFFFF

■ 000226

■ FAFFFF

■ 00010F

■ 000000

■ 136DBD

■ 136DBD

0064BD

2676BD

397FBD

4C88BD

5F91BD

7299BD

84A2BD

97ABBD

AAB4BD

BDBDBD

# Harmonies

## Analogous

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



0078B6



136DBD



785CAE

# Triad

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



136DBD



B04C3D



007C49

# Complementary

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



136DBD



BD6313

# 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.



4C7623



136DBD



9A5D1C

# Square

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



136DBD



B54364



786C0C



007F73

# Rectangle

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



136DBD



985099



786C0C



207B3B



# Sweetspot

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



136DBD



B3D6F5



13BD62



53687A



FAFAFA



7A7A7A



# Same Dimension

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



136DBD



0082F5



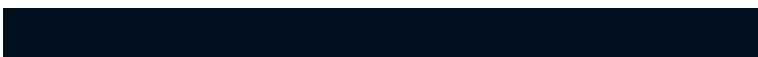
1319BD



555A5E



00549E



00101F



# Inverse Universe

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



BD136D



F50082



BDB713



5E555A



9E0054



1F0010



# Previews

## White Background



This preview shows how the Hex color 136DBD 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 136DBD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

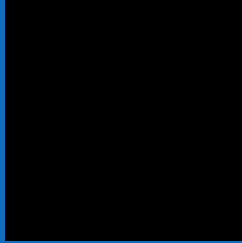
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 136DBD Background



This preview shows how black text looks on a background with the Hex color 136DBD.

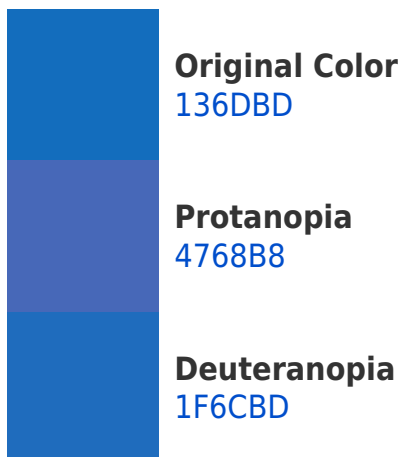


This preview shows how white text looks on a background with the Hex color 136DBD.

# 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](#).

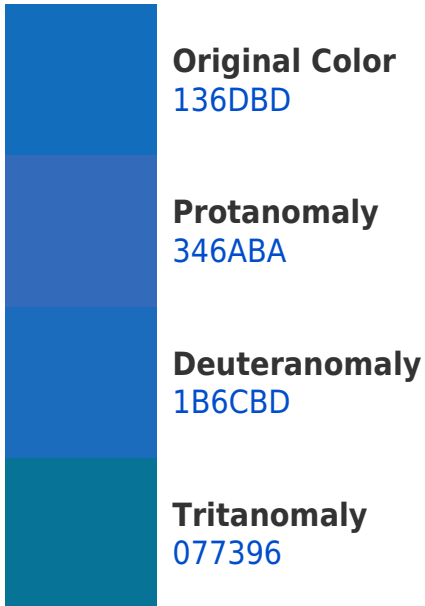
## Dichromacy



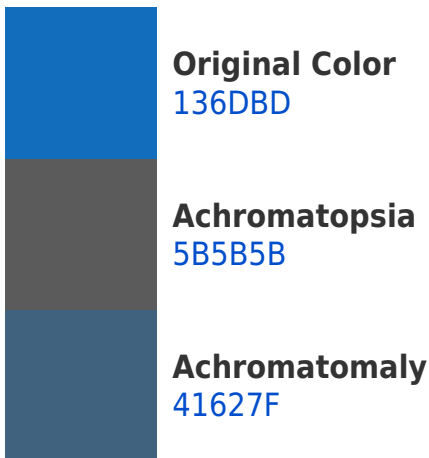


**Tritanopia**  
00777F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 136DBD 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 #136DBD looks like.

```
.text, #text, p{  
    color:#136DBD  
}
```

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 #136DBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136DBD
}
```

## Border

The CSS property to change the border of an element to Hex 136DBD 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
#136DBD }
```

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

```
.border{ border-color:#136DBD }
```

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

Here you see how a box with a 4 pixel #136DBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136DBD; -webkit-box-shadow:4px 4px  
4px 4px #136DBD; box-shadow:4px 4px 4px  
4px #136DBD }
```

# Background

The CSS property to change the background color of an element to Hex 136DBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136DBD }
```

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

```
.background{ background-color:#136DBD }
```

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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