

Converting Colors

Hex(136BD4)

Have a look what the booklet for
Hex(136BD4) contains.

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Color

Hex(136BD4)

Conversions

Conversions Part 1

Format	Color
Hex	136BD4
RGB	19, 107, 212
RGB Percent	7%, 42%, 83%
CMY	0.9255, 0.5804, 0.1686
CMYK	0.91, 0.50, 0.00, 0.17
HSL	213°, 84%, 45%
HSV	213°, 91%, 83%
XYZ	17.4099, 15.4073, 64.3437
YIQ	92.6580, -86.1530, 13.9990

Conversions

Conversions Part 2

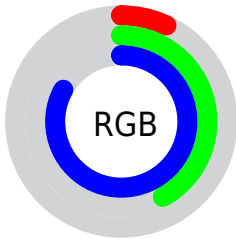
Format	Color
R _Y B	19, 79, 212
Decimal	1272788
CIE Lab	46.19, 15.91, -60.61
CIE LCh	46, 62.668, 284.709
Yxy	15.4073, 0.1792, 0.1586
Android (android.graphics.Color)	4279462868 (0xFF136BD4)
YUV	92.6580, 58.8356, -64.5981
Hunter-Lab	39.2521, 10.4808, -69.7140

Details

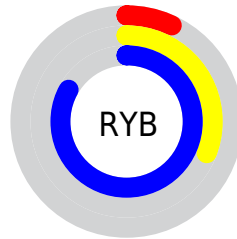
The Hex color **136BD4** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D47C13**, and the grayscale version is **5C5C5C**.

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 **0061D4**, and if you desaturate by 10%, it is **2877D4**.

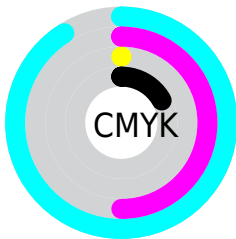
Distribution



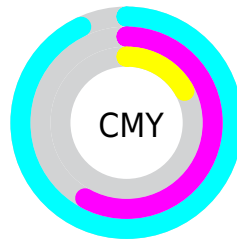
- Red (7%)
- Green (42%)
- Blue (83%)



- Red (7%)
- Yellow (31%)
- Blue (83%)



- Cyan (91%)
- Magenta (50%)
- Yellow (0%)
- Black (17%)



- Cyan (93%)
- Magenta (58%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136BD4 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 136BD4 by changing the saturation by 10% instead.

 136BD4

 136BD4

FFFFFF

 0053B8

 699EFF

 003D9C

 89B8FF

 002882

 A8D4FF

 001668

 C6F0FF

 000A4F

 E5FFFF

 000537

 000221

 000006

 000000

■ 136BD4

■ 136BD4

■ 0061D4

■ 2877D4

■ 3D82D4

■ 538ED4

■ 6899D4

■ 7DA5D4

■ 92B0D4

■ A7BCD4

■ BDC7D4

■ D2D3D4

Harmonies

Analogous

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



007BD3



136BD4



8F52B9

Triad

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



136BD4



BB4824



008350

Complementary

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



136BD4



D47C13

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.



2A7E17



136BD4



9A6100

Square

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



136BD4



C93256



6C7300



008587

Rectangle

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



136BD4



B23F9B



6C7300



00823E

Sweetspot

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



136BD4



BADAFF



13D47A



576980



000000



808080

Same Dimension

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



136BD4



0074FF



1913D4



60656B



004EAB



00142B

Inverse Universe

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



D4136B



FF0074



CED413



6B6065



AB004E



2B0014

Previews

White Background



This preview shows how the Hex color 136BD4 looks on a white background.

Color Contrast Check

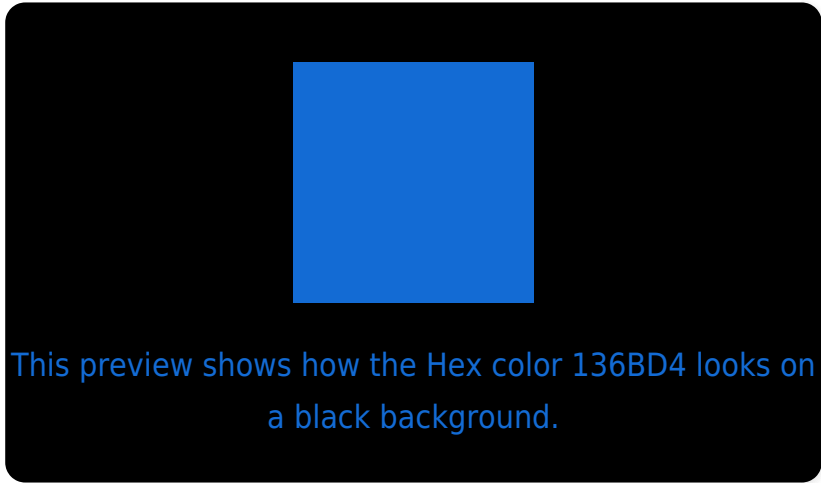
Large Text (above 18pt) WCAG AA ✓ Pass

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

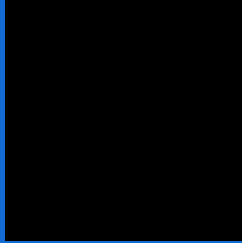
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

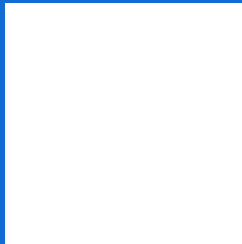
Any Text WCAG AAA × Fail

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

Hex 136BD4 Background



This preview shows how black text looks on a background with the Hex color 136BD4.



This preview shows how white text looks on a background with the Hex color 136BD4.

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



Original Color
136BD4

Protanomaly
256AD3

Deuteranomaly
076EC9

Monochromacy



Original Color
136BD4

Achromatopsia
5D5D5D

Achromatomaly
426288

CSS Examples

Text

The CSS property to change the color of the text to Hex 136BD4 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 #136BD4 looks like.

```
.text, #text, p{  
    color:#136BD4  
}
```

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 #136BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136BD4
}
```

Border

The CSS property to change the border of an element to Hex 136BD4 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
#136BD4 }
```

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

```
.border{ border-color:#136BD4 }
```

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

Here you see how a box with a 4 pixel #136BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136BD4; -webkit-box-shadow:4px 4px  
4px 4px #136BD4; box-shadow:4px 4px 4px  
4px #136BD4 }
```

Background

The CSS property to change the background color of an element to Hex 136BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136BD4 }
```

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

```
.background{ background-color:#136BD4 }
```

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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