

Converting Colors

Hex(1171D6)

Have a look what the booklet for
Hex(1171D6) contains.

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Color

Hex(1171D6)

Conversions

Conversions Part 1

Format	Color
Hex	1171D6
RGB	17, 113, 214
RGB Percent	7%, 44%, 84%
CMY	0.9333, 0.5569, 0.1608
CMYK	0.92, 0.47, 0.00, 0.16
HSL	211°, 85%, 45%
HSV	211°, 92%, 84%
XYZ	18.2739, 16.7845, 65.8949
YIQ	95.8100, -89.6370, 11.0590

Conversions

Conversions Part 2

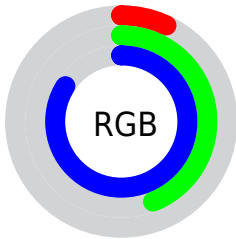
Format	Color
RYB	17, 82, 214
Decimal	1143254
CIELab	47.99, 12.77, -58.85
CIElCh	48, 60.219, 282.247
Yxy	16.7845, 0.1810, 0.1663
Android (android.graphics.Color)	4279333334 (0xFF1171D6)
YUV	95.8100, 58.2677, -69.1164
Hunter-Lab	40.9688, 7.9233, -66.6847

Details

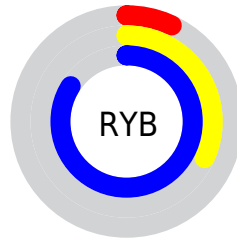
The Hex color **1171D6** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D67611**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **69A4FF**, and **00429E** is the 20% darker color. If you saturate the color by 10%, you get **0068D6**, and if you desaturate by 10%, it is **267CD6**.

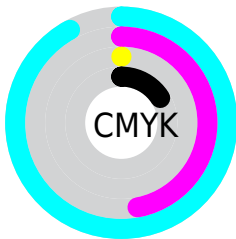
Distribution



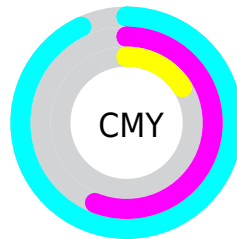
- Red (7%)
- Green (44%)
- Blue (84%)



- Red (7%)
- Yellow (32%)
- Blue (84%)



- Cyan (92%)
- Magenta (47%)
- Yellow (0%)
- Black (16%)



- Cyan (93%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1171D6 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 1171D6 by changing the saturation by 10% instead.

■ 1171D6

■ 1171D6

FFFFFF

■ 0059BA

■ 69A4FF

■ 00429E

■ 89BFFF

■ 002D84

■ A8DBFF

■ 001B6A

■ C6F7FF

■ 000751

■ E5FFFF

■ 000539

■ 000222

■ 000009

■ 000000

■ 1171D6

■ 1171D6

■ 0068D6

■ 267CD6

■ 3C87D6

■ 5192D6

■ 679DD6

■ 7CA8D6

■ 91B3D6

■ A7BED6

■ BCC9D6

■ D2D4D6

Harmonies

Analogous

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



0080D3



1171D6



8E5ABE

Triad

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



1171D6



C04D2F



008751

Complementary

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



1171D6



D67611

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.



3B811D



1171D6



A26400

Square

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



1171D6



CC3B5F



767600



008986

Rectangle

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



1171D6



B149A2



767600



008640

Sweetspot

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



1171D6



B8DAFF



11D674



546980



000000



808080

Same Dimension

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



1171D6



007CFF



1111D6



60666B



0053AB



00152B

Inverse Universe

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



D61171



FF007C



D6D611



6B6066



AB0053



2B0015

Previews

White Background



This preview shows how the Hex color 1171D6 looks on a white background.

Color Contrast Check

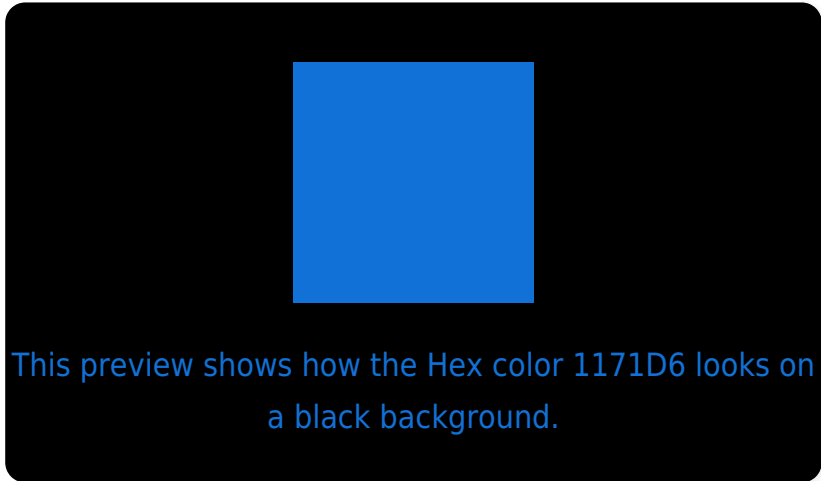
Large Text (above 18pt) WCAG AA ✓ Pass

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

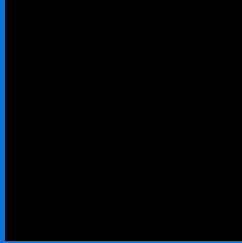
Any Text WCAG AA × Fail

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 1171D6 Background



This preview shows how black text looks on a background with the Hex color 1171D6.

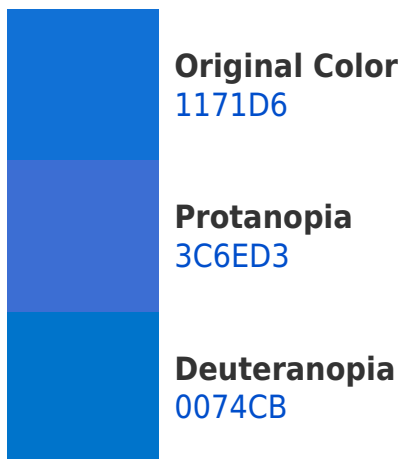


This preview shows how white text looks on a background with the Hex color 1171D6.

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
1171D6

Protanomaly
2C6FD4

Deuteranomaly
0673CF

Monochromacy



Original Color
1171D6

Achromatopsia
606060

Achromatomaly
43668B

CSS Examples

Text

The CSS property to change the color of the text to Hex 1171D6 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 #1171D6 looks like.

```
.text, #text, p{  
    color:#1171D6  
}
```

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 #1171D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1171D6
}
```

Border

The CSS property to change the border of an element to Hex 1171D6 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
#1171D6 }
```

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

```
.border{ border-color:#1171D6 }
```

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

Here you see how a box with a 4 pixel #1171D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1171D6; -webkit-box-shadow:4px 4px  
4px 4px #1171D6; box-shadow:4px 4px 4px  
4px #1171D6 }
```

Background

The CSS property to change the background color of an element to Hex 1171D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1171D6 }
```

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

```
.background{ background-color:#1171D6 }
```

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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