

Converting Colors

Hex(176DC5)

Have a look what the booklet for
Hex(176DC5) contains.

Hex(176DC5)	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(176DC5)

Conversions

Conversions Part 1

Format	Color
Hex	176DC5
RGB	23, 109, 197
RGB Percent	9%, 43%, 77%
CMY	0.9098, 0.5725, 0.2275
CMYK	0.88, 0.45, 0.00, 0.23
HSL	210°, 79%, 43%
HSV	210°, 88%, 77%
XYZ	15.9000, 15.1507, 54.9097
YIQ	93.3180, -79.5040, 9.1360

Conversions

Conversions Part 2

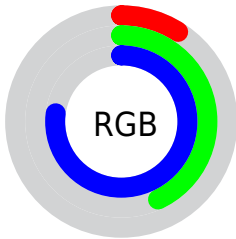
Format	Color
R_{YB}	23, 81, 197
Decimal	1535429
CIE Lab	45.84, 8.95, -52.57
CIE LCh	46, 53.330, 279.661
Yxy	15.1507, 0.1850, 0.1763
Android (android.graphics.Color)	4279725509 (0xFF176DC5)
YUV	93.3180, 51.1152, -61.6689
Hunter-Lab	38.9238, 4.7989, -56.3934

Details

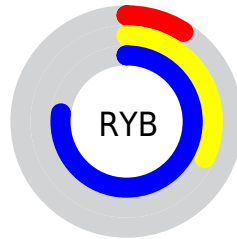
The Hex color **176DC5** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C56F17**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **66A0FE**, and **003F8E** is the 20% darker color. If you saturate the color by 10%, you get **0363C5**, and if you desaturate by 10%, it is **2B77C5**.

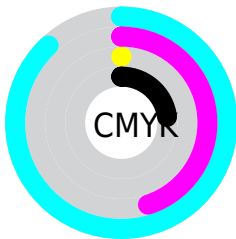
Distribution



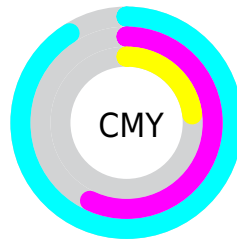
- Red (9%)
- Green (43%)
- Blue (77%)



- Red (9%)
- Yellow (32%)
- Blue (77%)



- Cyan (88%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)



- Cyan (91%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 176DC5 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 176DC5 by changing the saturation by 10% instead.

■ 176DC5

■ 176DC5

FFFFFF

■ 0055A9

■ 66A0FE

■ 003F8E

■ 85BBFF

■ 002A74

■ A3D6FF

■ 00165B

■ C2F3FF

■ 000743

■ E0FFFF

■ 00032C

FEFFFF

■ 000116

■ 000000

■ 176DC5

■ 176DC5

■ 0363C5

■ 2B77C5

■ 0061C5

■ 3E81C5

■ 528BC5

■ 6695C5

■ 7A9FC5

■ 8DA9C5

■ A1B3C5

■ B5BDC5

■ C8C7C5

Harmonies

Analogous

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



007AC0



176DC5



815AB2

Triad

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



176DC5



B44C36



007F4C

Complementary

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



176DC5



C56F17

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.



447A21



176DC5



9B5F10

Square

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



176DC5



BC3F60



756F00



00817A

Rectangle

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



176DC5



A14C9A



756F00



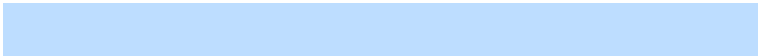
007E3D

Sweetspot

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



176DC5



BDDDFE



17C56E



586C80



000000



808080

Same Dimension

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



176DC5



007EFF



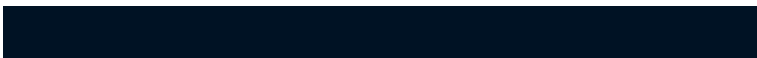
1717C5



5A5E63



0051A3



001224

Inverse Universe

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



C5176D



FF007E



C5C517



635A5E



A30051



240012

Previews

White Background



This preview shows how the Hex color 176DC5 looks on a white background.

Color Contrast Check

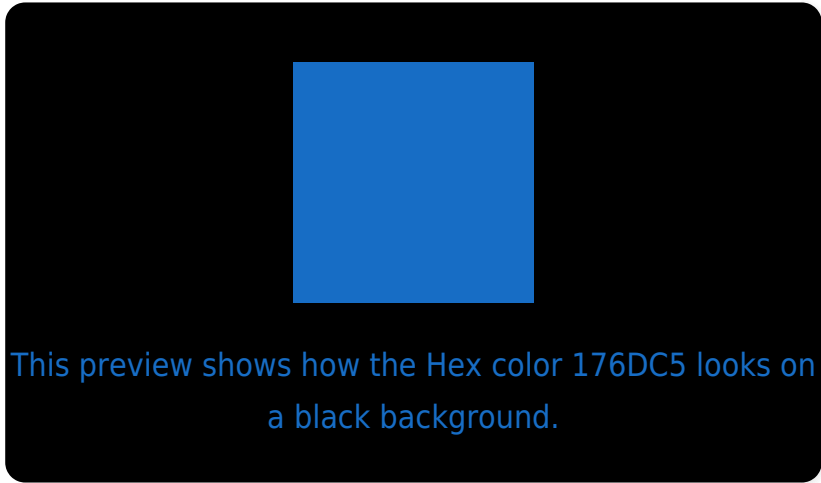
Large Text (above 18pt) WCAG AA ✓ Pass

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

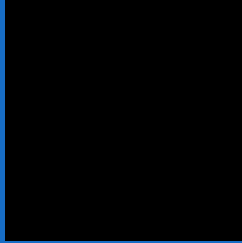
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

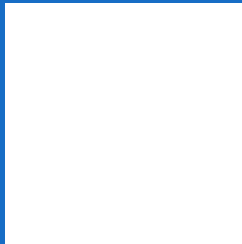
Any Text WCAG AAA × Fail

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

Hex 176DC5 Background



This preview shows how black text looks on a background with the Hex color 176DC5.

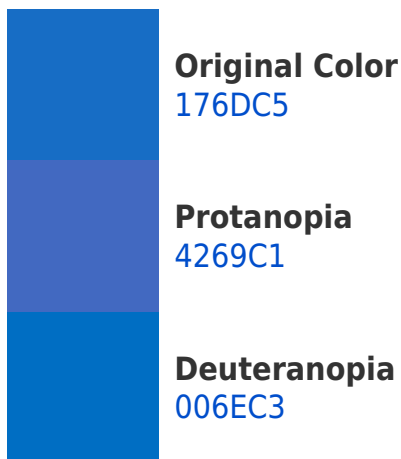


This preview shows how white text looks on a background with the Hex color 176DC5.

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](#).

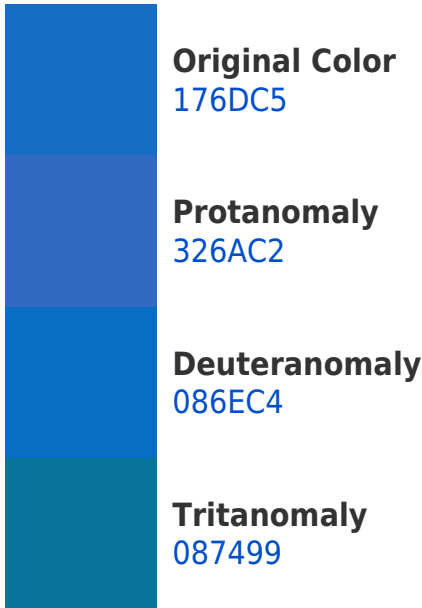
Dichromacy



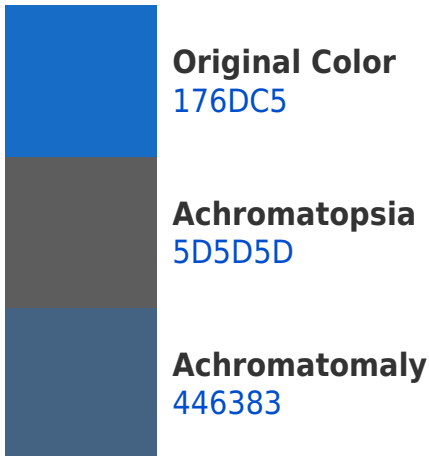


Tritanopia
007880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 176DC5 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 #176DC5 looks like.

```
.text, #text, p{  
    color:#176DC5  
}
```

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 #176DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #176DC5
}
```

Border

The CSS property to change the border of an element to Hex 176DC5 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
#176DC5 }
```

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

```
.border{ border-color:#176DC5 }
```

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

Here you see how a box with a 4 pixel #176DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #176DC5; -webkit-box-shadow:4px 4px  
4px 4px #176DC5; box-shadow:4px 4px 4px  
4px #176DC5 }
```

Background

The CSS property to change the background color of an element to Hex 176DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#176DC5 }
```

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

```
.background{ background-color:#176DC5 }
```

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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