

Converting Colors

Hex(0167CC)

Have a look what the booklet for
Hex(0167CC) contains.

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Color

Hex(0167CC)

Conversions

Conversions Part 1

Format	Color
Hex	0167CC
RGB	1, 103, 204
RGB Percent	0%, 40%, 80%
CMY	0.9961, 0.5961, 0.2000
CMYK	1.00, 0.50, 0.00, 0.20
HSL	210°, 99%, 40%
HSV	210°, 100%, 80%
XYZ	15.7618, 14.0666, 59.0111
YIQ	84.0160, -93.2130, 9.7870

Conversions

Conversions Part 2

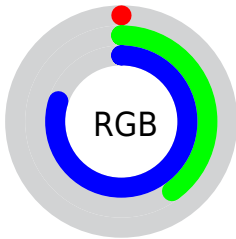
Format	Color
RYB	1, 69, 204
Decimal	92108
CIELab	44.33, 14.66, -59.05
CIElCh	44, 60.842, 283.947
Yxy	14.0666, 0.1774, 0.1583
Android (android.graphics.Color)	4278282188 (0xFF0167CC)
YUV	84.0160, 59.1521, -72.8050
Hunter-Lab	37.5054, 9.3810, -67.0332

Details

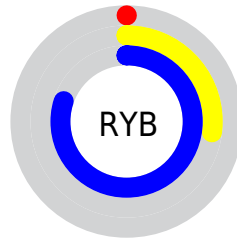
The Hex color **0167CC** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **CC6601**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6399FF**, and **003995** is the 20% darker color. If you saturate the color by 10%, you get **0067CC**, and if you desaturate by 10%, it is **1571CC**.

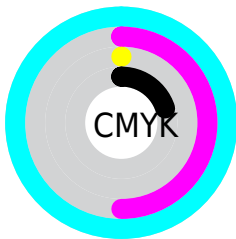
Distribution



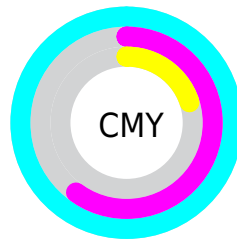
- Red (0%)
- Green (40%)
- Blue (80%)



- Red (0%)
- Yellow (27%)
- Blue (80%)



- Cyan (100%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0167CC 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 0167CC by changing the saturation by 10% instead.

■ 0167CC

■ 0167CC

FFFFFF

■ 004FB0

■ 6399FF

■ 003995

■ 83B4FF

■ 00257A

■ A2CFFF

■ 001161

■ C0EBFF

■ 000848

■ DFFFFF

■ 000431

FEFFFF

■ 00011B

■ 000000

■ 0167CC

■ 0167CC

■ 0067CC

■ 1571CC

■ 2A7BCC

■ 3E85CC

■ 5390CC

■ 679ACC

■ 7BA4CC

■ 90AECC

■ A4B8CC

■ B9C2CC

Harmonies

Analogous

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



0076CB



0167CC



884FB2

Triad

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



0167CC



B44423



007E4B

Complementary

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



0167CC



CC6601

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.



2A7814



0167CC



955C00

Square

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



0167CC



C12F54



696E00



007F80

Rectangle

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



0167CC



AA3D96



696E00



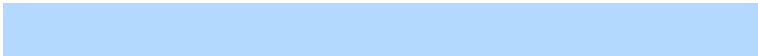
007C39

Sweetspot

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



0167CC



B3D9FF



01CC63



526980



000000



808080

Same Dimension

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



0167CC



0080FF



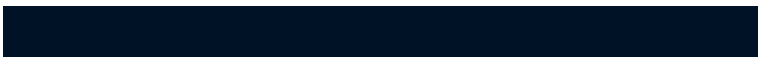
0104CC



5C6166



0053A6



001326

Inverse Universe

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



CC0167



FF0080



CCC901



665C61



A60053



260013

Previews

White Background



This preview shows how the Hex color 0167CC looks on a white background.

Color Contrast Check

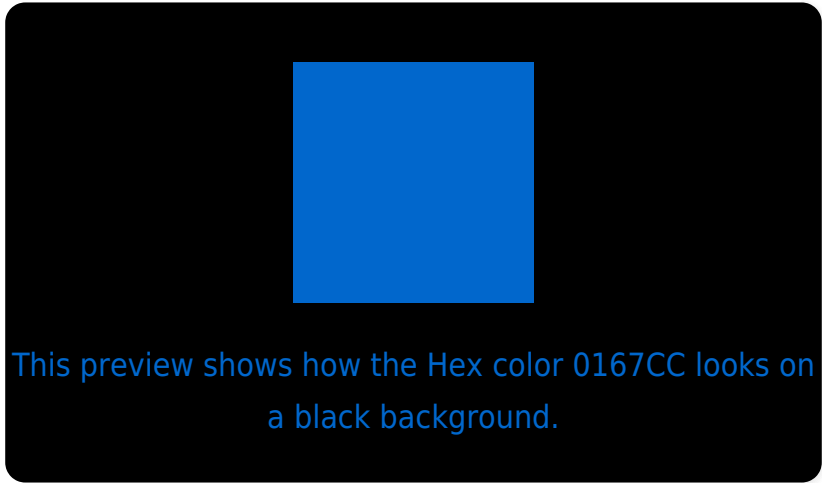
Large Text (above 18pt) WCAG AA ✓ Pass

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

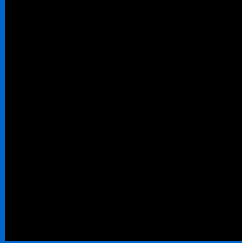
Any Text WCAG AA × Fail

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 0167CC Background



This preview shows how black text looks on a background with the Hex color 0167CC.

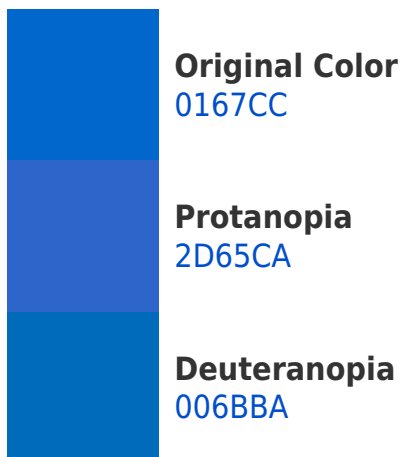


This preview shows how white text looks on a background with the Hex color 0167CC.

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](#).

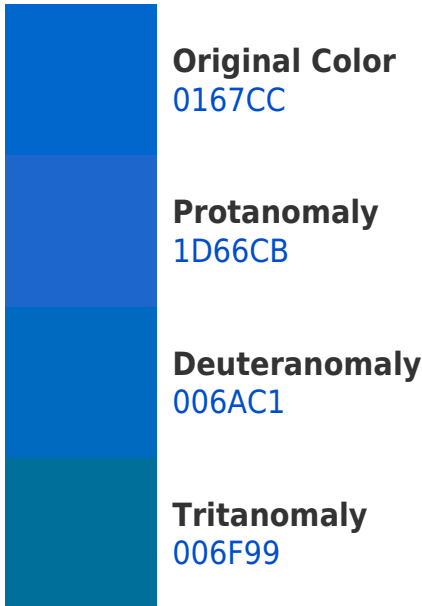
Dichromacy





Tritanopia
00747C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0167CC 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 #0167CC looks like.

```
.text, #text, p{  
    color:#0167CC  
}
```

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 #0167CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0167CC
}
```

Border

The CSS property to change the border of an element to Hex 0167CC 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
#0167CC }
```

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

```
.border{ border-color:#0167CC }
```

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

Here you see how a box with a 4 pixel #0167CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0167CC; -webkit-box-shadow:4px 4px  
4px 4px #0167CC; box-shadow:4px 4px 4px  
4px #0167CC }
```

Background

The CSS property to change the background color of an element to Hex 0167CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0167CC }
```

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

```
.background{ background-color:#0167CC }
```

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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