

Converting Colors

Hex(0164C0)

Have a look what the booklet for
Hex(0164C0) contains.

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Color

Hex(0164C0)

Conversions

Conversions Part 1

Format	Color
Hex	0164C0
RGB	1, 100, 192
RGB Percent	0%, 39%, 75%
CMY	0.9961, 0.6078, 0.2471
CMYK	0.99, 0.48, 0.00, 0.25
HSL	209°, 99%, 38%
HSV	209°, 99%, 75%
XYZ	14.0841, 12.9266, 51.6219
YIQ	80.8870, -88.5360, 7.6240

Conversions

Conversions Part 2

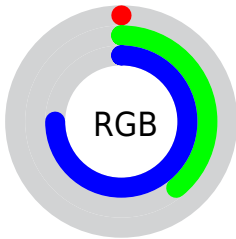
Format	Color
RYB	1, 66, 192
Decimal	91328
CIELab	42.65, 11.77, -54.83
CIElCh	43, 56.076, 282.120
Yxy	12.9266, 0.1791, 0.1644
Android (android.graphics.Color)	4278281408 (0xFF0164C0)
YUV	80.8870, 54.7787, -70.0609
Hunter-Lab	35.9535, 7.0053, -59.9609

Details

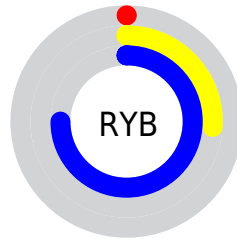
The Hex color **0164C0** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **C05D01**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6096F9**, and **00378A** is the 20% darker color. If you saturate the color by 10%, you get **0064C0**, and if you desaturate by 10%, it is **146DC0**.

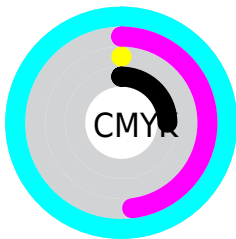
Distribution



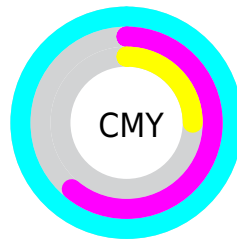
- Red (0%)
- Green (39%)
- Blue (75%)



- Red (0%)
- Yellow (26%)
- Blue (75%)



- Cyan (99%)
- Magenta (48%)
- Yellow (0%)
- Black (25%)





- Cyan (100%)
- Magenta (61%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0164C0 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 0164C0 by changing the saturation by 10% instead.

 0164C0

 0164C0

FFFFFF

 004DA4

 6096F9

 00378A

 7FB1FF

 002370

 9DCCFF

 000C57


 BCE8FF

 00063E


 DAFFFF

 000328

 F8FFFF

 000111

 000000

 0164C0

 0164C0

■ 0064C0

■ 146DC0

■ 2776C0

■ 3B80C0

■ 4E89C0

■ 6192C0

■ 749BC0

■ 87A5C0

■ 9BAEC0

■ AEB7C0

Harmonies

Analogous

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



0072BD



0164C0



7E4FAA

Triad

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



0164C0



AC4328



007846

Complementary

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



0164C0



C05D01

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.



337316



0164C0



905800

Square

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



0164C0



B63254



686900



007A77

Rectangle

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



0164C0



9E3F91



686900



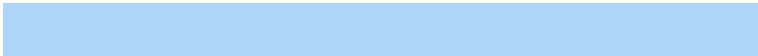
007737

Sweetspot

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



0164C0



AFD6FA



01C05A



50677D



FCFCFC



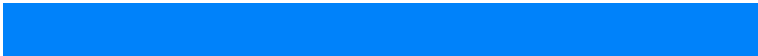
7D7D7D

Same Dimension

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



0164C0



0082FA



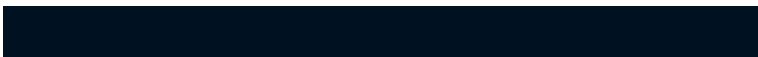
0107C0



575C61



0053A1



001121

Inverse Universe

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



C00164



FA0082



COBA01



61575C



A10053



210011

Previews

White Background



This preview shows how the Hex color 0164C0 looks on a white background.

Color Contrast Check

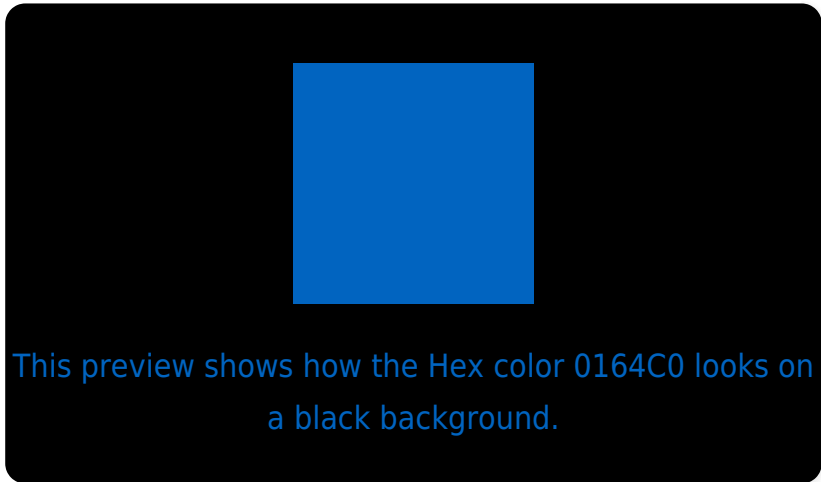
Large Text (above 18pt) WCAG AA ✓ Pass

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

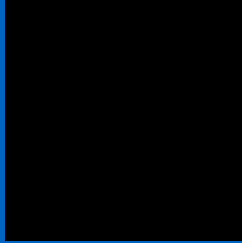
Any Text WCAG AA × Fail

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 0164C0 Background



This preview shows how black text looks on a background with the Hex color 0164C0.



This preview shows how white text looks on a background with the Hex color 0164C0.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0164C0 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 #0164C0 looks like.

```
.text, #text, p{  
    color:#0164C0  
}
```

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 #0164C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0164C0
}
```

Border

The CSS property to change the border of an element to Hex 0164C0 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
#0164C0 }
```

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

```
.border{ border-color:#0164C0 }
```

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

Here you see how a box with a 4 pixel #0164C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0164C0; -webkit-box-shadow:4px 4px  
4px 4px #0164C0; box-shadow:4px 4px 4px  
4px #0164C0 }
```

Background

The CSS property to change the background color of an element to Hex 0164C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0164C0 }
```

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

```
.background{ background-color:#0164C0 }
```

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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