

Converting Colors

Hex(0162D1)

Have a look what the booklet for
Hex(0162D1) contains.

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Color

Hex(0162D1)

Conversions

Conversions Part 1

Format	Color
Hex	0162D1
RGB	1, 98, 209
RGB Percent	0%, 38%, 82%
CMY	0.9961, 0.6157, 0.1804
CMYK	1.00, 0.53, 0.00, 0.18
HSL	212°, 99%, 41%
HSV	212°, 100%, 82%
XYZ	15.8888, 13.3453, 62.0601
YIQ	81.6510, -93.4430, 13.9570

Conversions

Conversions Part 2

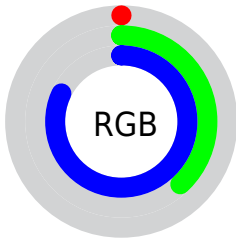
Format	Color
RYB	1, 67, 209
Decimal	90833
CIELab	43.28, 19.92, -63.62
CIELCh	43, 66.666, 287.389
Yxy	13.3453, 0.1740, 0.1462
Android (android.graphics.Color)	4278280913 (0xFF0162D1)
YUV	81.6510, 62.7831, -70.7309
Hunter-Lab	36.5312, 13.7070, -75.1515

Details

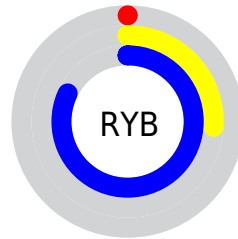
The Hex color **0162D1** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **D17001**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **6594FF**, and **00359A** is the 20% darker color. If you saturate the color by 10%, you get **0061D1**, and if you desaturate by 10%, it is **166DD1**.

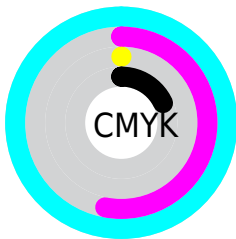
Distribution



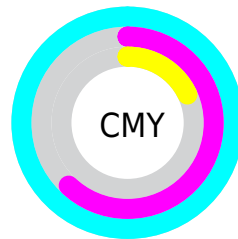
- Red (0%)
- Green (38%)
- Blue (82%)



- Red (0%)
- Yellow (26%)
- Blue (82%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)





- Cyan (100%)
- Magenta (62%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0162D1 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 0162D1 by changing the saturation by 10% instead.

 0162D1

 0162D1

FFFFFF

 004BB5

 6594FF

 00359A

 85AEFF

 00217F

 A4C9FF

 000D65

 C3E5FF

 00094C

 E2FFFF

 000534

 00021E

 000001

 000000

■ 0162D1

■ 0162D1

■ 0061D1

■ 166DD1

■ 2B78D1

■ 4083D1

■ 558FD1

■ 699AD1

■ 7EA5D1

■ 93B0D1

■ A8BBD1

■ BDC6D1

Harmonies

Analogous

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



0074D3



0162D1



8F45B2

Triad

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



0162D1



B44012



007C4C

Complementary

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



0162D1



D17001

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.



00780B



0162D1



905B00

Square

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



0162D1



C51F49



5F6D00



007E86

Rectangle

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



0162D1



B12E92



5F6D00



007B39

Sweetspot

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



0162D1



B3D6FF



01D170



526780



000000



808080

Same Dimension

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



0162D1



0077FF



0801D1



5E6369



004EA8



001329

Inverse Universe

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



D10162



FF0077



CAD101



695E63



A8004E



290013

Previews

White Background



This preview shows how the Hex color 0162D1 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



This preview shows how the Hex color 0162D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

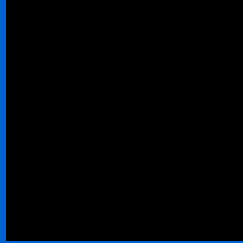
Any Text WCAG AA × Fail

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 0162D1 Background



This preview shows how black text looks on a background with the Hex color 0162D1.



This preview shows how white text looks on a background with the Hex color 0162D1.

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



Original Color

0162D1

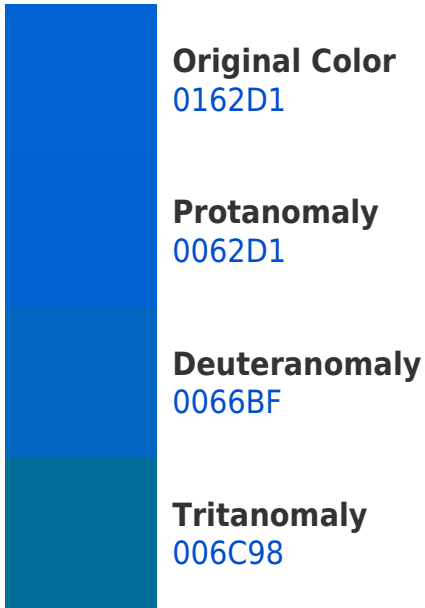
Protanopia

0062D1

Deuteranopia

0068B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0162D1 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 #0162D1 looks like.

```
.text, #text, p{  
    color:#0162D1  
}
```

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 #0162D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0162D1
}
```

Border

The CSS property to change the border of an element to Hex 0162D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

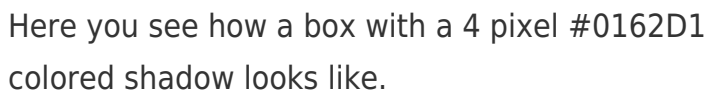
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0162D1 }
```

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

```
.border{ border-color:#0162D1 }
```

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



Here you see how a box with a 4 pixel #0162D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0162D1; -webkit-box-shadow:4px 4px  
4px 4px #0162D1; box-shadow:4px 4px 4px  
4px #0162D1 }
```

Background

The CSS property to change the background color of an element to Hex 0162D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0162D1 }
```

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

```
.background{ background-color:#0162D1 }
```

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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