

Converting Colors

Hex(3168D0)

Have a look what the booklet for
Hex(3168D0) contains.

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Color

Hex(3168D0)

Conversions

Conversions Part 1

Format	Color
Hex	3168D0
RGB	49, 104, 208
RGB Percent	19%, 41%, 82%
CMY	0.8078, 0.5922, 0.1843
CMYK	0.76, 0.50, 0.00, 0.18
HSL	219°, 63%, 50%
HSV	219°, 76%, 82%
XYZ	17.6021, 15.1077, 61.6628
YIQ	99.4110, -66.1640, 20.6840

Conversions

Conversions Part 2

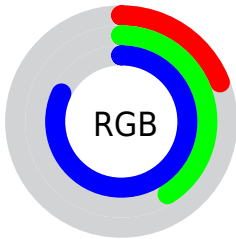
Format	Color
R_{YB}	49, 90, 208
Decimal	3238096
CIE _{Lab}	45.78, 18.70, -58.95
CIE _{LCh}	46, 61.845, 287.601
Yxy	15.1077, 0.1865, 0.1601
Android (android.graphics.Color)	4281428176 (0xFF3168D0)
YUV	99.4110, 53.5344, -44.2104
Hunter-Lab	38.8686, 12.8159, -66.8523

Details

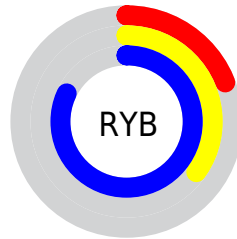
The Hex color **3168D0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D09931**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **759BFF**, and **003A99** is the 20% darker color. If you saturate the color by 10%, you get **1C5AD0**, and if you desaturate by 10%, it is **4676D0**.

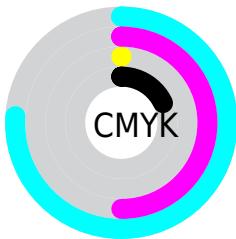
Distribution



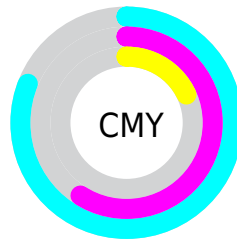
- Red (19%)
- Green (41%)
- Blue (82%)



- Red (19%)
- Yellow (35%)
- Blue (82%)



- Cyan (76%)
- Magenta (50%)
- Yellow (0%)
- Black (18%)





- Cyan (81%)
- Magenta (59%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3168D0 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 3168D0 by changing the saturation by 10% instead.

 3168D0

 3168D0

FFFFFF

 0050B4

 759BFF

 003A99

 94B5FF

 00267E

 B2D1FF

 001364

 D0EDFF


 00094C


 EFFFFFF

 000434

 00021E

 000000

 3168D0

 3168D0

■ 1C5AD0

■ 4676D0

■ 074DD0

■ 5B83D0

■ 0048D0

■ 6F91D0

■ 849ED0

■ 99ACD0

■ AEBAD0

■ C3C7D0

■ D7D5D0

■ ECE2D0

Harmonies

Analogous

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



0079D2



3168D0



944FB3

Triad

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



3168D0



B74A1F



008254

Complementary

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



3168D0



D09931

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.



1F7D1E



3168D0



956200

Square

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



3168D0



C73450



677300



00838A

Rectangle

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



3168D0



B33D95



677300



008142

Sweetspot

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



3168D0



C4D9FF



31D098



5C6880



000000



808080

Same Dimension

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



3168D0



1466FF



4931D0



5E6269



003AA8



000E29

Inverse Universe

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



D03168



FF1466



B8D031



695E62



A8003A



29000E

Previews

White Background



This preview shows how the Hex color 3168D0 looks on a white background.

Color Contrast Check

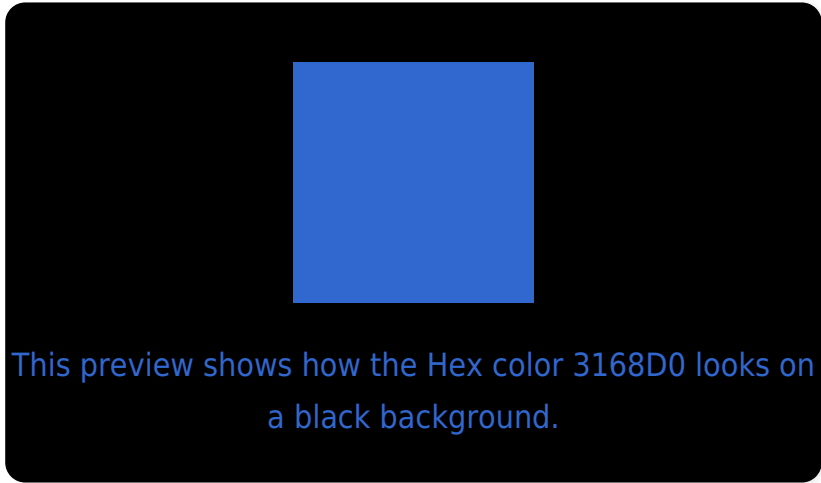
Large Text (above 18pt) WCAG AA ✓ Pass

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

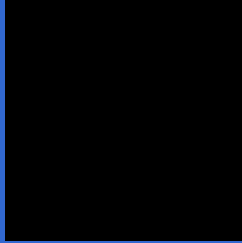
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

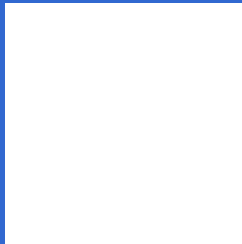
Any Text WCAG AAA × Fail

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

Hex 3168D0 Background



This preview shows how black text looks on a background with the Hex color 3168D0.



This preview shows how white text looks on a background with the Hex color 3168D0.

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](#).

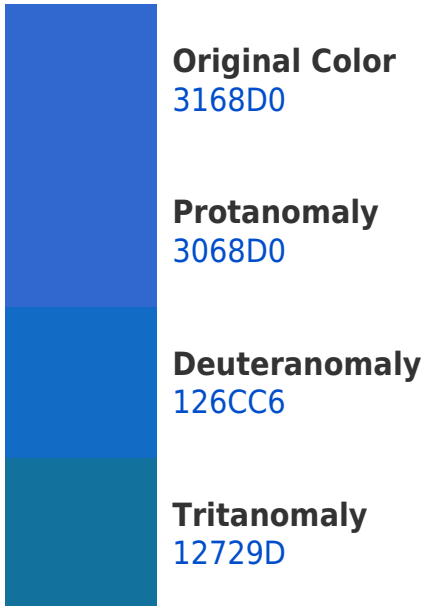
Dichromacy



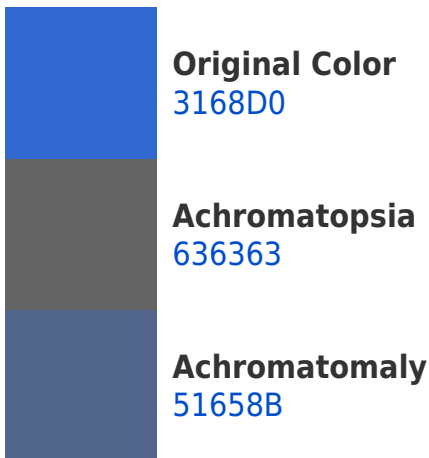


Tritanopia
007880

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3168D0 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 #3168D0 looks like.

```
.text, #text, p{  
    color:#3168D0  
}
```

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 #3168D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3168D0
}
```

Border

The CSS property to change the border of an element to Hex 3168D0 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
#3168D0 }
```

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

```
.border{ border-color:#3168D0 }
```

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

Here you see how a box with a 4 pixel #3168D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3168D0; -webkit-box-shadow:4px 4px  
4px 4px #3168D0; box-shadow:4px 4px 4px  
4px #3168D0 }
```

Background

The CSS property to change the background color of an element to Hex 3168D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3168D0 }
```

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

```
.background{ background-color:#3168D0 }
```

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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