

Converting Colors

Hex(3170B8)

Have a look what the booklet for
Hex(3170B8) contains.

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Color

Hex(3170B8)

Conversions

Conversions Part 1

Format	Color
Hex	3170B8
RGB	49, 112, 184
RGB Percent	19%, 44%, 72%
CMY	0.8078, 0.5608, 0.2784
CMYK	0.73, 0.39, 0.00, 0.28
HSL	212°, 58%, 46%
HSV	212°, 73%, 72%
XYZ	15.7125, 15.7020, 47.5501
YIQ	101.3710, -60.6600, 9.0360

Conversions

Conversions Part 2

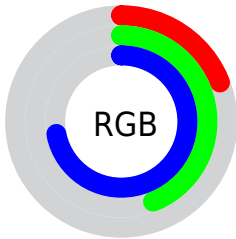
Format	Color
RYB	49, 92, 184
Decimal	3240120
CIELab	46.58, 4.67, -43.84
CIElCh	47, 44.087, 276.078
Yxy	15.7020, 0.1990, 0.1988
Android (android.graphics.Color)	4281430200 (0xFF3170B8)
YUV	101.3710, 40.7361, -45.9294
Hunter-Lab	39.6257, 1.4343, -43.4087

Details

The Hex color **3170B8** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B87931**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **70A3F0**, and **004182** is the 20% darker color. If you saturate the color by 10%, you get **1F66B8**, and if you desaturate by 10%, it is **437AB8**.

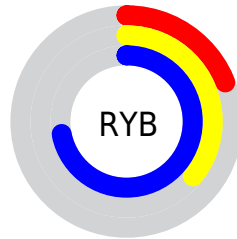
Distribution



Red (19%)

Green (44%)

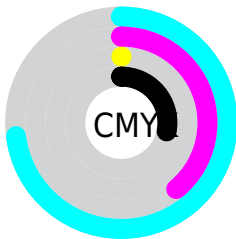
Blue (72%)



Red (19%)

Yellow (36%)

Blue (72%)

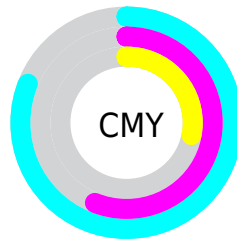


Cyan (73%)

Magenta (39%)

Yellow (0%)

Black (28%)



Cyan (81%)

Magenta (56%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3170B8 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 3170B8 by changing the saturation by 10% instead.

■ 3170B8

■ 3170B8

FFFFFF

■ 00589D

■ 70A3F0

■ 004182

■ 8DBEFF

■ 002C69

■ ABDAFF

■ 001850

■ C8F6FF

■ 000539

■ E6FFFF

■ 000222

■ 000008

■ 000000

■ 3170B8

■ 3170B8

■ 1F66B8

■ 437AB8

■ 0C5CB8

■ 5684B8

■ 0056B8

■ 688DB8

■ 7B97B8

■ 8DA1B8

■ 9FABB8

■ B2B5B8

■ C4BFB8

■ D7C8B8

Harmonies

Analogous

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



007AB2



3170B8



7A61AA

Triad

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



3170B8



AE5445



147E4F

Complementary

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



3170B8



B87931

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.



55792F



3170B8



9A6229

Square

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



3170B8



B24D68



7B6F1F



008075

Rectangle

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



3170B8



975798



7B6F1F



327D43

Sweetspot

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



3170B8



BBD4F0



31B879



596778



F7F7F7



787878

Same Dimension

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



3170B8



1D7FF0



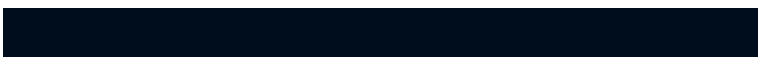
3531B8



53575C



00499C



000D1C

Inverse Universe

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



B83170



F01D7F



B4B831



5C5357



9C0049



1C000D

Previews

White Background



This preview shows how the Hex color 3170B8 looks on a white background.

Color Contrast Check

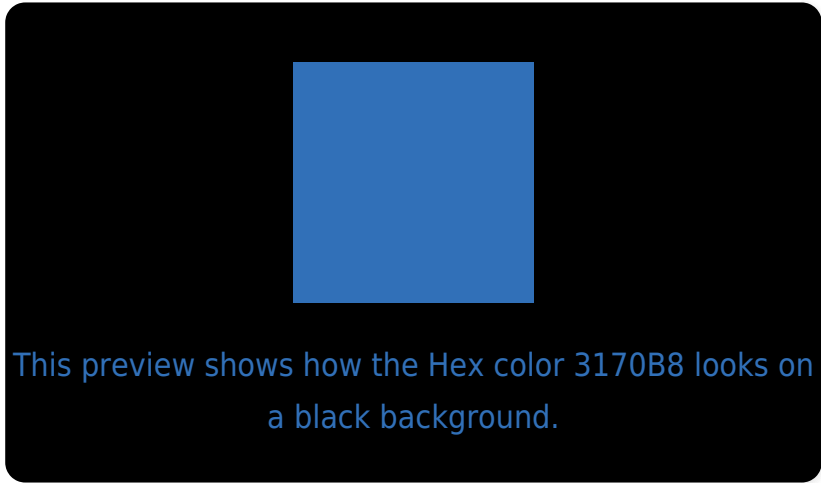
Large Text (above 18pt) WCAG AA ✓ Pass

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

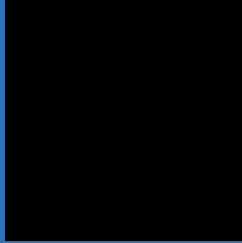
Any Text WCAG AA × Fail

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 3170B8 Background



This preview shows how black text looks on a background with the Hex color 3170B8.

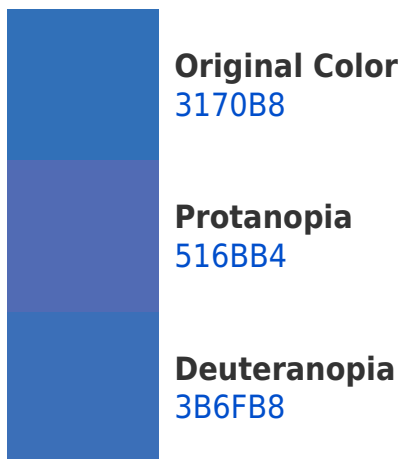


This preview shows how white text looks on a background with the Hex color 3170B8.

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](#).

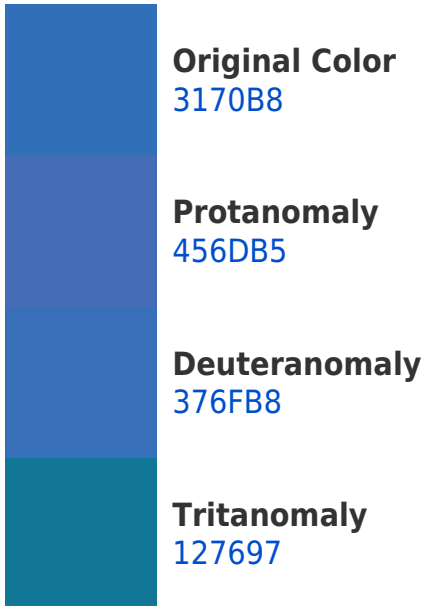
Dichromacy





Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3170B8 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 #3170B8 looks like.

```
.text, #text, p{  
    color:#3170B8  
}
```

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 #3170B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3170B8
}
```

Border

The CSS property to change the border of an element to Hex 3170B8 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
#3170B8 }
```

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

```
.border{ border-color:#3170B8 }
```

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

Here you see how a box with a 4 pixel #3170B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3170B8; -webkit-box-shadow:4px 4px  
4px 4px #3170B8; box-shadow:4px 4px 4px  
4px #3170B8 }
```

Background

The CSS property to change the background color of an element to Hex 3170B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3170B8 }
```

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

```
.background{ background-color:#3170B8 }
```

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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