

Converting Colors

Hex(3471B6)

Have a look what the booklet for
Hex(3471B6) contains.

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Color

Hex(3471B6)

Conversions

Conversions Part 1

Format	Color
Hex	3471B6
RGB	52, 113, 182
RGB Percent	20%, 44%, 71%
CMY	0.7961, 0.5569, 0.2863
CMYK	0.71, 0.38, 0.00, 0.29
HSL	212°, 56%, 46%
HSV	212°, 71%, 71%
XYZ	15.7648, 15.9177, 46.4975
YIQ	102.6270, -58.5050, 8.5270

Conversions

Conversions Part 2

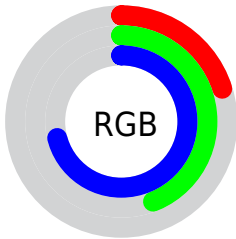
Format	Color
R _Y B	52, 94, 182
Decimal	3436982
CIE Lab	46.87, 3.74, -42.22
CIE LCh	47, 42.385, 275.065
Yxy	15.9177, 0.2016, 0.2036
Android (android.graphics.Color)	4281627062 (0xFF3471B6)
YUV	102.6270, 39.1309, -44.3999
Hunter-Lab	39.8970, 0.7122, -41.1709

Details

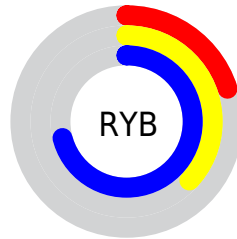
The Hex color **3471B6** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B67934**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **72A4EE**, and **004281** is the 20% darker color. If you saturate the color by 10%, you get **2267B6**, and if you desaturate by 10%, it is **467BB6**.

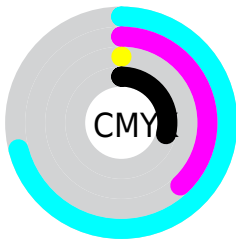
Distribution



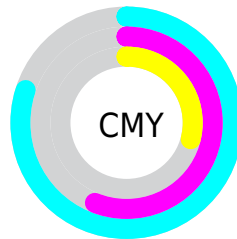
- Red (20%)
- Green (44%)
- Blue (71%)



- Red (20%)
- Yellow (37%)
- Blue (71%)



- Cyan (71%)
- Magenta (38%)
- Yellow (0%)
- Black (29%)



- Cyan (80%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3471B6 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 3471B6 by changing the saturation by 10% instead.

■ 3471B6

■ 3471B6

FFFFFF

■ 00599B

■ 72A4EE

■ 004281

■ 8FBFFF

■ 002C67

■ ACDBFF

■ 00194F

■ C9F8FF

■ 000537

■ E7FFFF

■ 000221

■ 000006

■ 000000

■ 3471B6

■ 3471B6

■ 2267B6

■ 467BB6

■ 105EB6

■ 5884B6

■ 0055B6

■ 6B8EB6

■ 7D98B6

■ 8FA1B6

■ A1ABB6

■ B3B5B6

■ C6BEB6

■ D8C8B6

Harmonies

Analogous

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



007BAF



3471B6



7963AA

Triad

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



3471B6



AD5548



217E50

Complementary

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



3471B6



B67934

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.



587932



3471B6



9B622E

Square

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



3471B6



B04F6A



7D6F24



008174

Rectangle

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



3471B6



955A98



7D6F24



387D45

Sweetspot

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



3471B6



BBD3ED



34B677



5A6878



F7F7F7



787878

Same Dimension

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



3471B6



2181ED



3634B6



53575C



00499C



000D1C

Inverse Universe

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



B63471



ED2181



B4B634



5C5357



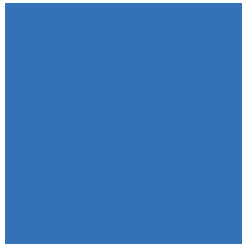
9C0049



1C000D

Previews

White Background



This preview shows how the Hex color 3471B6 looks on a white background.

Color Contrast Check

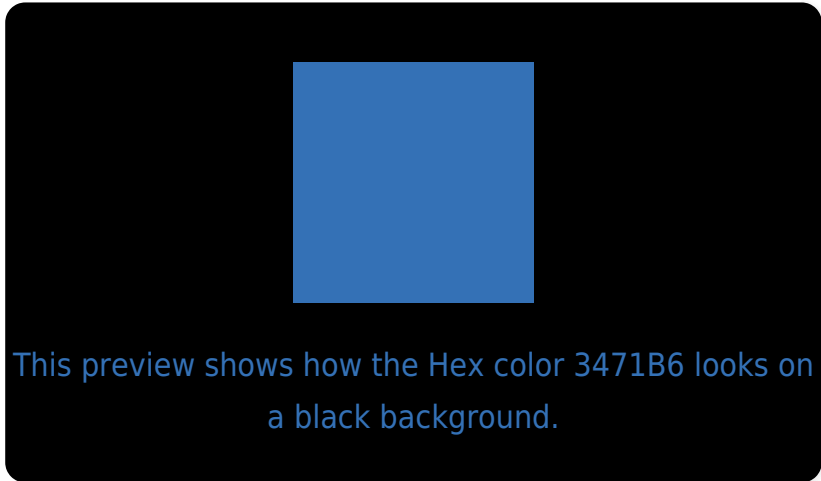
Large Text (above 18pt) WCAG AA ✓ Pass

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

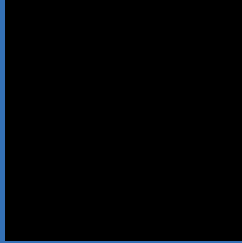
Any Text WCAG AA × Fail

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 3471B6 Background



This preview shows how black text looks on a background with the Hex color 3471B6.

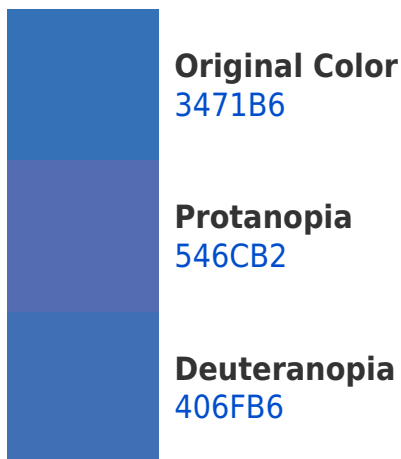


This preview shows how white text looks on a background with the Hex color 3471B6.

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](#).

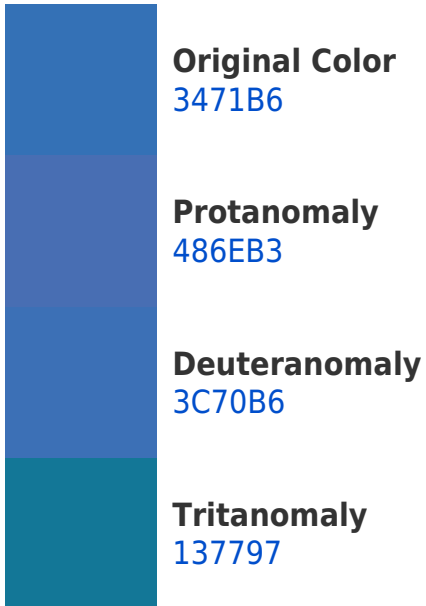
Dichromacy



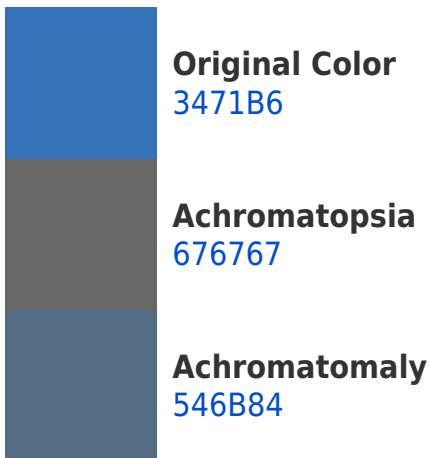


Tritanopia
007B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3471B6 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 #3471B6 looks like.

```
.text, #text, p{  
    color:#3471B6  
}
```

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 #3471B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3471B6  
}
```

Border

The CSS property to change the border of an element to Hex 3471B6 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  
#3471B6 }
```

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

```
.border{ border-color:#3471B6 }
```

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

Here you see how a box with a 4 pixel #3471B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3471B6; -webkit-box-shadow:4px 4px  
4px 4px #3471B6; box-shadow:4px 4px 4px  
4px #3471B6 }
```

Background

The CSS property to change the background color of an element to Hex 3471B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3471B6 }
```

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

```
.background{ background-color:#3471B6 }
```

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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