

Converting Colors

Hex(3472CB)

Have a look what the booklet for
Hex(3472CB) contains.

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Color

Hex(3472CB)

Conversions

Conversions Part 1

Format	Color
Hex	3472CB
RGB	52, 114, 203
RGB Percent	20%, 45%, 80%
CMY	0.7961, 0.5529, 0.2039
CMYK	0.74, 0.44, 0.00, 0.20
HSL	215°, 59%, 50%
HSV	215°, 74%, 80%
XYZ	18.2130, 17.0765, 58.8361
YIQ	105.6080, -65.5210, 14.5350

Conversions

Conversions Part 2

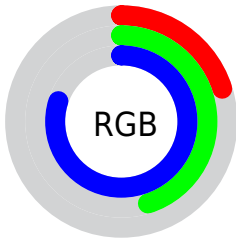
Format	Color
R_{YB}	52, 96, 203
Decimal	3437259
CIE _{Lab}	48.36, 10.86, -51.94
CIE _{LCh}	48, 53.066, 281.812
Yxy	17.0765, 0.1935, 0.1814
Android (android.graphics.Color)	4281627339 (0xFF3472CB)
YUV	105.6080, 48.0143, -47.0142
Hunter-Lab	41.3237, 6.3555, -55.4896

Details

The Hex color **3472CB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CB8D34**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **76A5FF**, and **004394** is the 20% darker color. If you saturate the color by 10%, you get **2066CB**, and if you desaturate by 10%, it is **487ECB**.

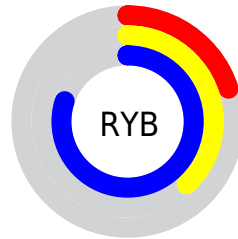
Distribution



Red (20%)

Green (45%)

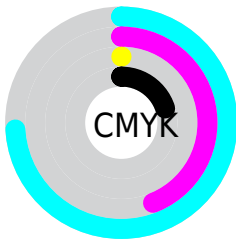
Blue (80%)



Red (20%)

Yellow (38%)

Blue (80%)

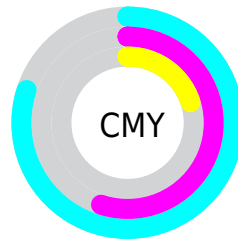


Cyan (74%)

Magenta (44%)

Yellow (0%)

Black (20%)



Cyan (80%)

Magenta (55%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3472CB 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 3472CB by changing the saturation by 10% instead.

 3472CB

 3472CB

FFFFFF

 005AAF

 76A5FF

 004394

 94C0FF

 002E7A

 B2DCFF

 001A60

 D0F8FF

 000548

 EEEFFF

 000431

 00011B

 000000

 3472CB

 3472CB

■ 2066CB

■ 487ECB

■ 0B5ACB

■ 5D8ACB

■ 0053CB

■ 7196CB

■ 85A2CB

■ 9AAECB

■ AEBACB

■ C2C6CB

■ D6D2CB

■ EBDECB

Harmonies

Analogous

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



007FC8



3472CB



8B5FB6

Triad

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



3472CB



BA5439



008655

Complementary

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



3472CB



CB8D34

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.



46812A



3472CB



9F6716

Square

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



3472CB



C44763



797609



008884

Rectangle

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



3472CB



AB529E



797609



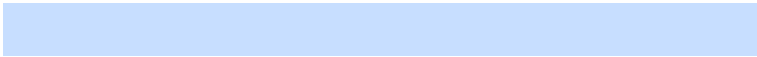
008546

Sweetspot

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



3472CB



C7DEFF



34CB8C



5E6C80



000000



808080

Same Dimension

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



3472CB



1C79FF



4134CB



5C6066



0044A6



001026

Inverse Universe

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



CB3472



FF1C79



BECB34



665C60



A60044



260010

Previews

White Background



This preview shows how the Hex color 3472CB looks on a white background.

Color Contrast Check

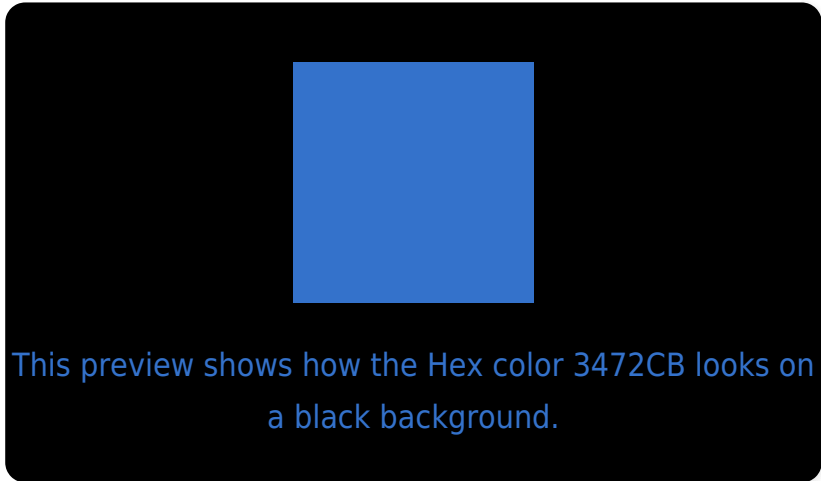
Large Text (above 18pt) WCAG AA ✓ Pass

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

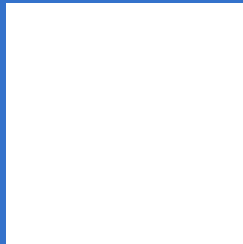
Any Text WCAG AAA × Fail

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

Hex 3472CB Background



This preview shows how black text looks on a background with the Hex color 3472CB.

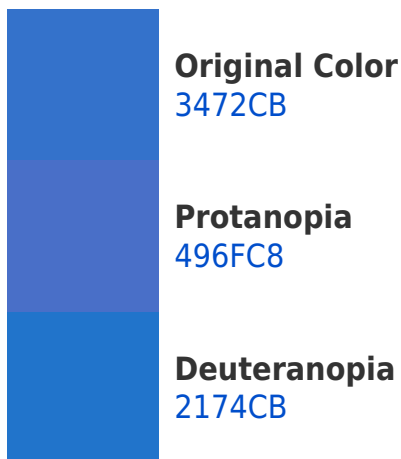


This preview shows how white text looks on a background with the Hex color 3472CB.

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](#).

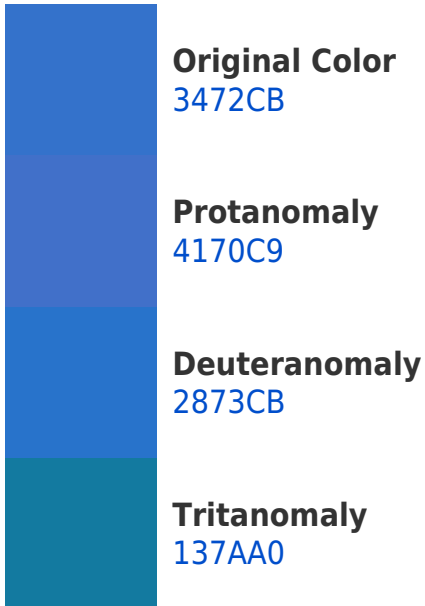
Dichromacy





Tritanopia
007F88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3472CB 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 #3472CB looks like.

```
.text, #text, p{  
    color:#3472CB  
}
```

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 #3472CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3472CB
}
```

Border

The CSS property to change the border of an element to Hex 3472CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

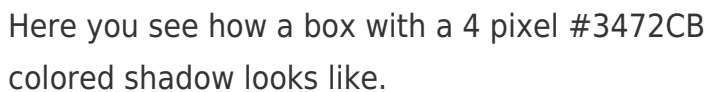
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3472CB }
```

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

```
.border{ border-color:#3472CB }
```

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



Here you see how a box with a 4 pixel `#3472CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3472CB; -webkit-box-shadow:4px 4px  
4px 4px #3472CB; box-shadow:4px 4px 4px  
4px #3472CB }
```

Background

The CSS property to change the background color of an element to Hex 3472CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3472CB }
```

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

```
.background{ background-color:#3472CB }
```

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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