

Converting Colors

Hex(3373CB)

Have a look what the booklet for
Hex(3373CB) contains.

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Color

Hex(3373CB)

Conversions

Conversions Part 1

Format	Color
Hex	3373CB
RGB	51, 115, 203
RGB Percent	20%, 45%, 80%
CMY	0.8000, 0.5490, 0.2039
CMYK	0.75, 0.43, 0.00, 0.20
HSL	215°, 60%, 50%
HSV	215°, 75%, 80%
XYZ	18.2755, 17.2771, 58.8715
YIQ	105.8960, -66.3920, 13.8000

Conversions

Conversions Part 2

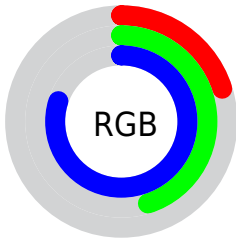
Format	Color
R_{YB}	51, 96, 203
Decimal	3371979
CIE _{Lab}	48.61, 10.11, -51.54
CIE _{LCh}	49, 52.524, 281.097
Yxy	17.2771, 0.1935, 0.1830
Android (android.graphics.Color)	4281562059 (0xFF3373CB)
YUV	105.8960, 47.8723, -48.1438
Hunter-Lab	41.5657, 5.7423, -54.8793

Details

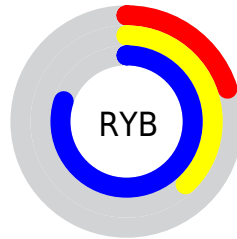
The Hex color **3373CB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CB8B33**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **75A6FF**, and **004494** is the 20% darker color. If you saturate the color by 10%, you get **1F67CB**, and if you desaturate by 10%, it is **477FCB**.

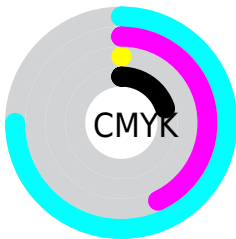
Distribution



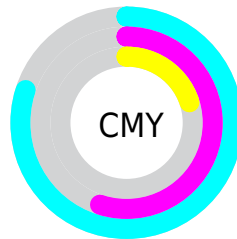
- Red (20%)
- Green (45%)
- Blue (80%)



- Red (20%)
- Yellow (38%)
- Blue (80%)



- Cyan (75%)
- Magenta (43%)
- Yellow (0%)
- Black (20%)



- Cyan (80%)
- Magenta (55%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3373CB 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 3373CB by changing the saturation by 10% instead.

 3373CB

 3373CB

FFFFFF

 005BAF

 75A6FF

 004494

 93C1FF

 002E7A

 B1DDFF

 001B60

 CFFAFF

 000548

 EDFFFF

 000431

 00011B

 000000

 3373CB

 3373CB

■ 1F67CB

■ 477FCB

■ 0A5BCB

■ 5C8BCB

■ 0055CB

■ 7096CB

■ 84A2CB

■ 99AECB

■ ADBACB

■ C1C5CB

■ D5D1CB

■ EADDCB

Harmonies

Analogous

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



0080C7



3373CB



8B60B7

Triad

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



3373CB



BB543B



008755

Complementary

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



3373CB



CB8B33

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.



49812B



3373CB



A16719

Square

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



3373CB



C44865



7A770C



008883

Rectangle

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



3373CB



AA539F



7A770C



038546

Sweetspot

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



3373CB



C7DFFF



33CB89



5E6C80



000000



808080

Same Dimension

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



3373CB



197AFF



3D33CB



5C6066



0046A6



001026

Inverse Universe

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



CB3373



FF197A



C1CB33



665C60



A60046



260010

Previews

White Background



This preview shows how the Hex color 3373CB looks on a white background.

Color Contrast Check

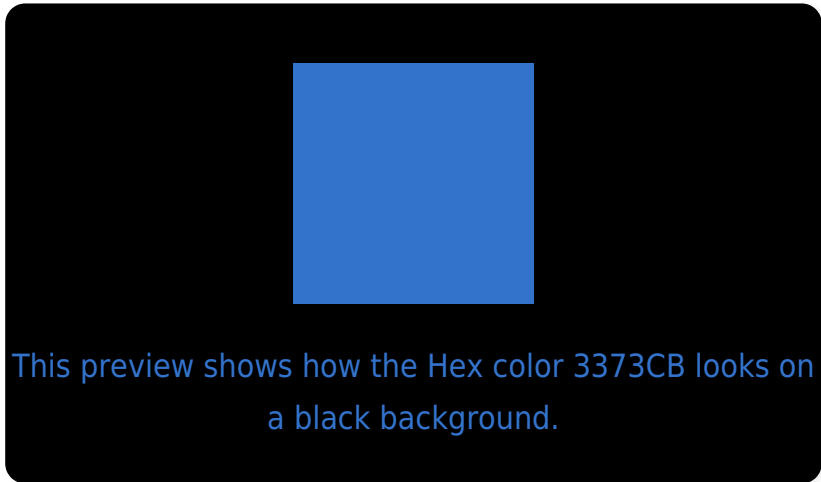
Large Text (above 18pt) WCAG AA ✓ Pass

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

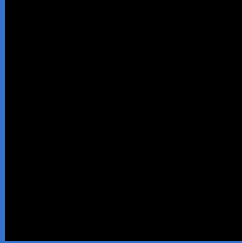
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

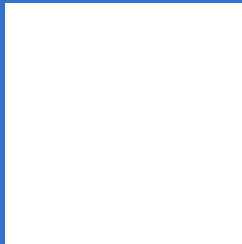
Any Text WCAG AAA × Fail

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

Hex 3373CB Background



This preview shows how black text looks on a background with the Hex color 3373CB.

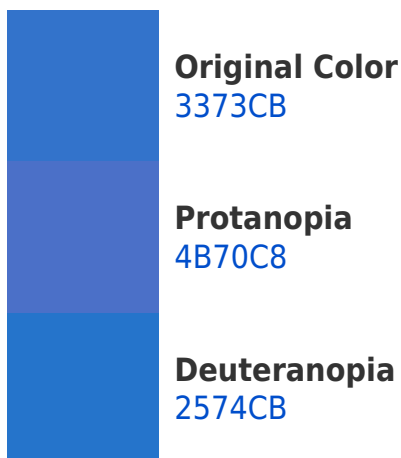


This preview shows how white text looks on a background with the Hex color 3373CB.

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](#).

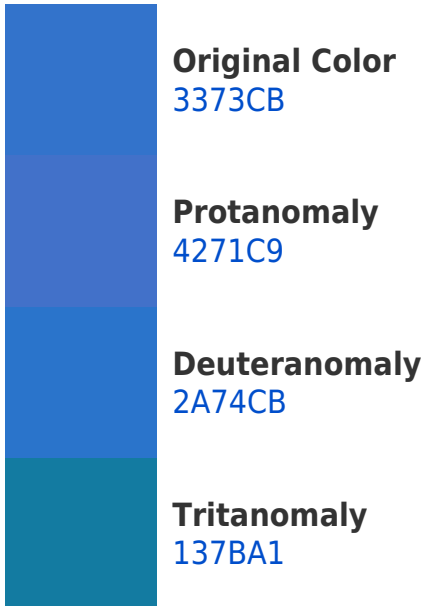
Dichromacy



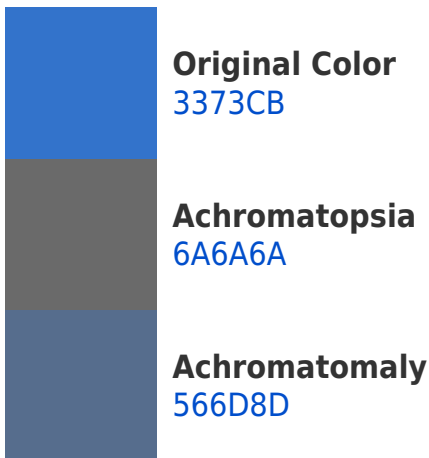


Tritanopia
008089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3373CB 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 #3373CB looks like.

```
.text, #text, p{  
    color:#3373CB  
}
```

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 #3373CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3373CB
}
```

Border

The CSS property to change the border of an element to Hex 3373CB 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
#3373CB }
```

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

```
.border{ border-color:#3373CB }
```

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

Here you see how a box with a 4 pixel #3373CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3373CB; -webkit-box-shadow:4px 4px  
4px 4px #3373CB; box-shadow:4px 4px 4px  
4px #3373CB }
```

Background

The CSS property to change the background color of an element to Hex 3373CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3373CB }
```

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

```
.background{ background-color:#3373CB }
```

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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