

Converting Colors

Hex(3B85C2)

Have a look what the booklet for
Hex(3B85C2) contains.

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Color

Hex(3B85C2)

Conversions

Conversions Part 1

Format	Color
Hex	3B85C2
RGB	59, 133, 194
RGB Percent	23%, 52%, 76%
CMY	0.7686, 0.4784, 0.2392
CMYK	0.70, 0.31, 0.00, 0.24
HSL	207°, 53%, 50%
HSV	207°, 70%, 76%
XYZ	19.9288, 21.5999, 54.1578
YIQ	117.8280, -63.6850, 3.2830

Conversions

Conversions Part 2

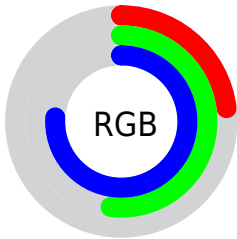
Format	Color
RYB	59, 107, 194
Decimal	3900866
CIELab	53.60, -2.96, -38.46
CIELCh	54, 38.578, 265.603
Yxy	21.5999, 0.2083, 0.2257
Android (android.graphics.Color)	4282090946 (0xFF3B85C2)
YUV	117.8280, 37.5528, -51.5922
Hunter-Lab	46.4757, -4.7917, -36.5572

Details

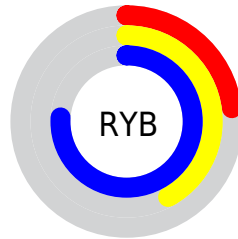
The Hex color **3B85C2** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **C2783B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **79BAFB**, and **00548C** is the 20% darker color. If you saturate the color by 10%, you get **287CC2**, and if you desaturate by 10%, it is **4E8EC2**.

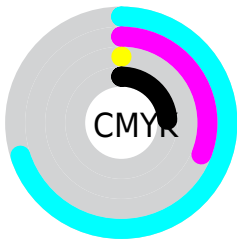
Distribution



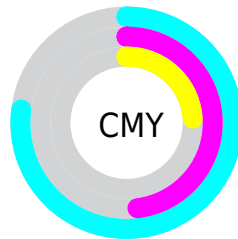
- Red (23%)
- Green (52%)
- Blue (76%)



- Red (23%)
- Yellow (42%)
- Blue (76%)



- Cyan (70%)
- Magenta (31%)
- Yellow (0%)
- Black (24%)



- Cyan (77%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B85C2 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 3B85C2 by changing the saturation by 10% instead.

■ 3B85C2

■ 3B85C2

FFFFFF

■ 0D6CA7

■ 79BAFB

■ 00548C

■ 96D5FF

■ 003D72

■ B4F2FF

■ 002859

■ D1FFFF

■ 001341

■ EFFFFFF

■ 00032B

■ 000115

■ 000000

■ 3B85C2

■ 3B85C2

■ 287CC2

■ 4E8EC2

■ 1473C2

■ 6297C2

■ 016BC2

■ 759FC2

■ 006AC2

■ 89A8C2

■ 9CB1C2

■ AFBAC2

■ C3C2C2

■ D6CBC2

■ EAD4C2

Harmonies

Analogous

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



008DB6



3B85C2



7B79BC

Triad

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



3B85C2



BE6765



4F8E59

Complementary

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



3B85C2



C2783B

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.



788742



3B85C2



B2704A

Square

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



3B85C2



BB6586



997D3C



00917A

Rectangle

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



3B85C2



9971AF



997D3C



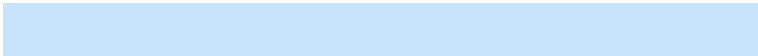
5E8C50

Sweetspot

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



3B85C2



C7E4FC



3BC278



607180



000000



808080

Same Dimension

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



3B85C2



289DFC



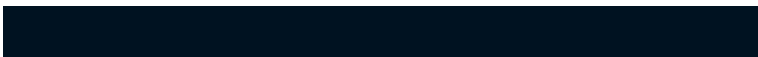
3B42C2



575D61



0058A1



001221

Inverse Universe

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



C23B85



FC289D



C2BB3B



61575D



A10058



210012

Previews

White Background



This preview shows how the Hex color 3B85C2 looks on a white background.

Color Contrast Check

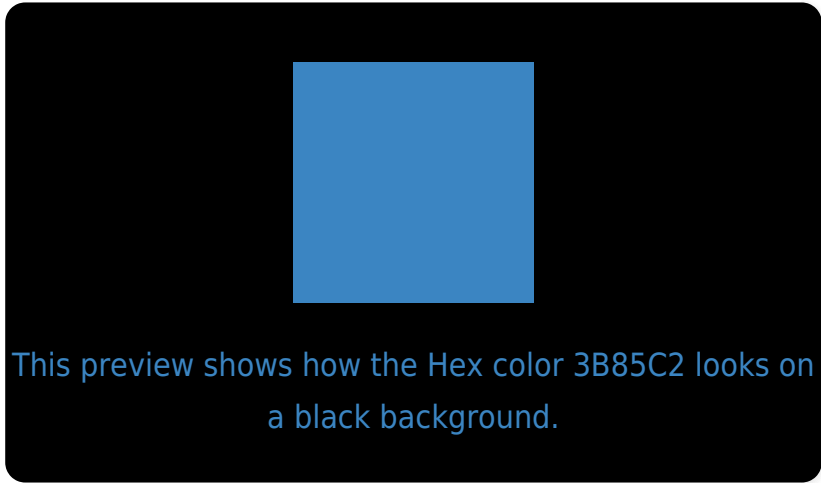
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 3B85C2 Background



This preview shows how black text looks on a background with the Hex color 3B85C2.

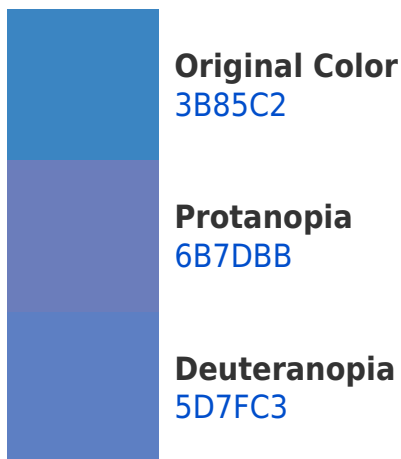


This preview shows how white text looks on a background with the Hex color 3B85C2.

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](#).

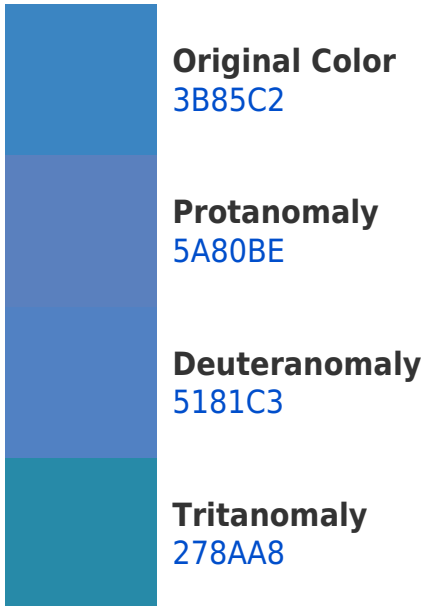
Dichromacy





Tritanopia
1B8D99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B85C2 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 #3B85C2 looks like.

```
.text, #text, p{  
    color:#3B85C2  
}
```

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 #3B85C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B85C2
}
```

Border

The CSS property to change the border of an element to Hex 3B85C2 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
#3B85C2 }
```

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

```
.border{ border-color:#3B85C2 }
```

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

Here you see how a box with a 4 pixel #3B85C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B85C2; -webkit-box-shadow:4px 4px  
4px 4px #3B85C2; box-shadow:4px 4px 4px  
4px #3B85C2 }
```

Background

The CSS property to change the background color of an element to Hex 3B85C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B85C2 }
```

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

```
.background{ background-color:#3B85C2 }
```

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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