

Converting Colors

Hex(3C83CA)

Have a look what the booklet for
Hex(3C83CA) contains.

| | |
|--|----|
| Hex(3C83CA) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(3C83CA)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3C83CA |
| RGB | 60, 131, 202 |
| RGB Percent | 24%, 51%, 79% |
| CMY | 0.7647, 0.4863, 0.2078 |
| CMYK | 0.70, 0.35, 0.00, 0.21 |
| HSL | 210°, 57%, 51% |
| HSV | 210°, 70%, 79% |
| XYZ | 20.6404, 21.4575, 58.9310 |
| YIQ | 117.8650, -65.1070, 7.0290 |

Conversions

Conversions Part 2

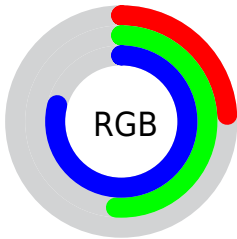
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 60, 107, 202 |
| Decimal | 3965898 |
| CIELab | 53.45, 1.20, -43.25 |
| CIElCh | 53, 43.270, 271.586 |
| Yxy | 21.4575, 0.2043, 0.2124 |
| Android (android.graphics.Color) | 4282155978 (0xFF3C83CA) |
| YUV | 117.8650, 41.4786, -50.7476 |
| Hunter-Lab | 46.3223, -1.5273, -43.0029 |

Details

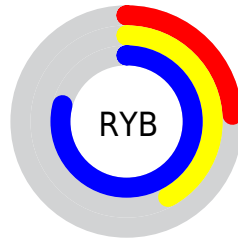
The Hex color **3C83CA** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CA833C**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **7BB8FF**, and **005293** is the 20% darker color. If you saturate the color by 10%, you get **2879CA**, and if you desaturate by 10%, it is **508DCA**.

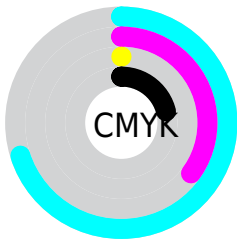
Distribution



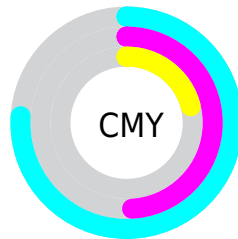
- Red (24%)
- Green (51%)
- Blue (79%)



- Red (24%)
- Yellow (42%)
- Blue (79%)



- Cyan (70%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (76%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C83CA 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 3C83CA by changing the saturation by 10% instead.

■ 3C83CA

■ 3C83CA

FFFFFF

■ 0B6AAE

■ 7BB8FF

■ 005293

■ 99D3FF

■ 003C79

■ B6EFFF

■ 002760

■ D4FFFF

■ 001248

■ F2FFFF

■ 000431

■ 00011B

■ 000000

■ 3C83CA

■ 3C83CA

■ 2879CA

■ 508DCA

■ 146FCA

■ 6497CA

■ 0065CA

■ 79A1CA

■ 8DABCA

■ A1B6CA

■ B5C0CA

■ C9CACA

■ DED4CA

■ F2DECA

Harmonies

Analogous

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



008DC1



3C83CA



8475BF

Triad

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



3C83CA



C3645B



3B8F5B

Complementary

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



3C83CA



CA833C

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.



6D893D



3C83CA



B1713E

Square

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



3C83CA



C35F7F



937E32



009281

Rectangle

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



3C83CA



A36BAE



937E32



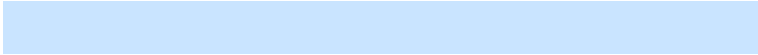
4E8E50

Sweetspot

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



3C83CA



C9E4FF



3CCA83



607080



000000



808080

Same Dimension

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



3C83CA



2994FF



3C3CCA



5C6166



0053A6



001326

Inverse Universe

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



CA3C83



FF2994



CACA3C



665C61



A60053



260013

Previews

White Background



This preview shows how the Hex color 3C83CA looks on a white background.

Color Contrast Check

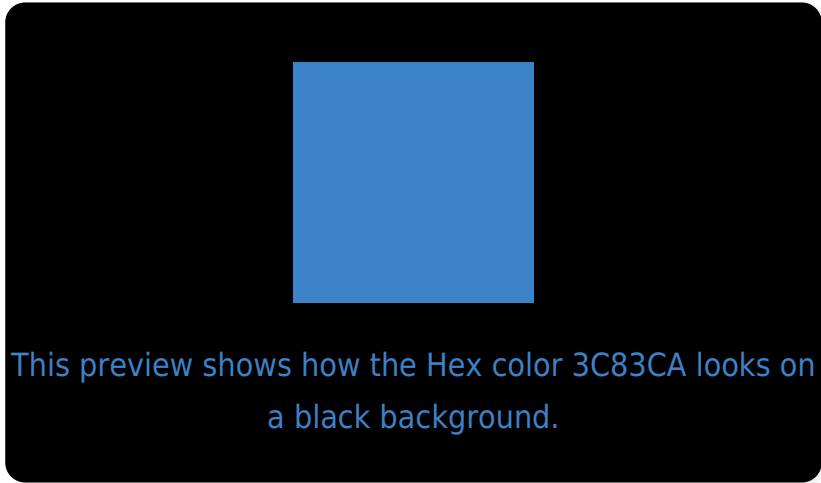
Large Text (above 18pt) WCAG AA ✓ Pass

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

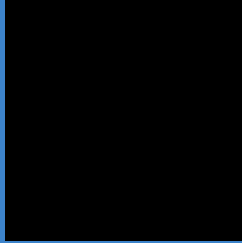
Any Text WCAG AA ✓ Pass

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 3C83CA Background



This preview shows how black text looks on a background with the Hex color 3C83CA.

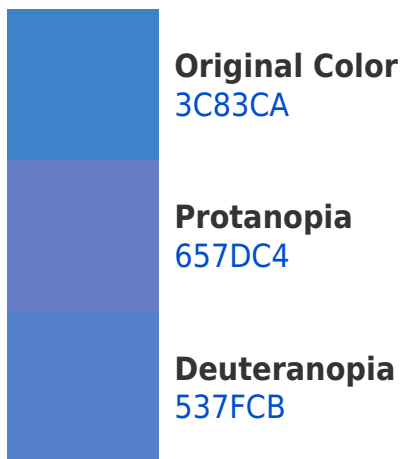


This preview shows how white text looks on a background with the Hex color 3C83CA.

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](#).

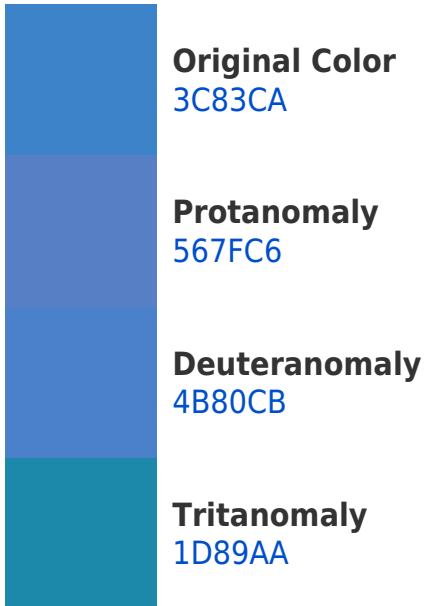
Dichromacy



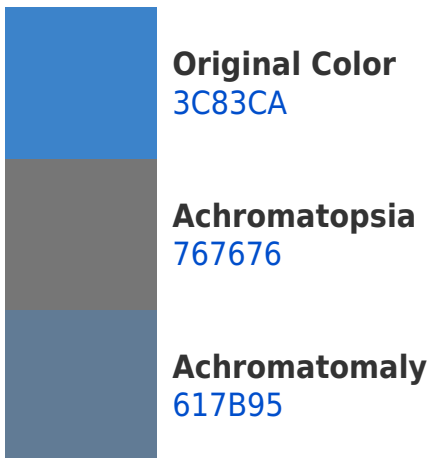


Tritanopia
0C8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C83CA 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 #3C83CA looks like.

```
.text, #text, p{  
    color:#3C83CA  
}
```

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 #3C83CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C83CA
}
```

Border

The CSS property to change the border of an element to Hex 3C83CA 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
#3C83CA }
```

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

```
.border{ border-color:#3C83CA }
```

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

Here you see how a box with a 4 pixel #3C83CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C83CA; -webkit-box-shadow:4px 4px  
4px 4px #3C83CA; box-shadow:4px 4px 4px  
4px #3C83CA }
```

Background

The CSS property to change the background color of an element to Hex 3C83CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C83CA }
```

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

```
.background{ background-color:#3C83CA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor