

Converting Colors

Hex(3C83C8)

Have a look what the booklet for
Hex(3C83C8) contains.

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Color

Hex(3C83C8)

Conversions

Conversions Part 1

Format	Color
Hex	3C83C8
RGB	60, 131, 200
RGB Percent	24%, 51%, 78%
CMY	0.7647, 0.4863, 0.2157
CMYK	0.70, 0.35, 0.00, 0.22
HSL	210°, 56%, 51%
HSV	210°, 70%, 78%
XYZ	20.4051, 21.3634, 57.6917
YIQ	117.6370, -64.4650, 6.4070

Conversions

Conversions Part 2

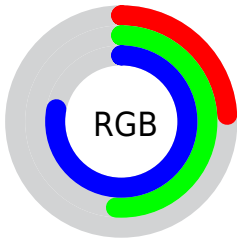
Format	Color
R_{YB}	60, 107, 200
Decimal	3965896
CIE _{Lab}	53.34, 0.49, -42.28
CIE _{LCh}	53, 42.281, 270.663
Yxy	21.3634, 0.2052, 0.2148
Android (android.graphics.Color)	4282155976 (0xFF3C83C8)
YUV	117.6370, 40.6050, -50.5476
Hunter-Lab	46.2205, -2.0831, -41.6503

Details

The Hex color **3C83C8** 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 **C8813C**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **7BB8FF**, and **005292** is the 20% darker color. If you saturate the color by 10%, you get **2879C8**, and if you desaturate by 10%, it is **508DC8**.

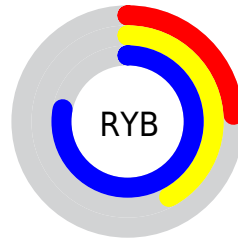
Distribution



Red (24%)

Green (51%)

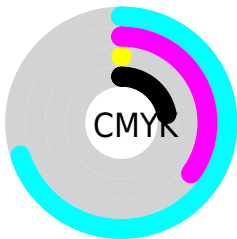
Blue (78%)



Red (24%)

Yellow (42%)

Blue (78%)

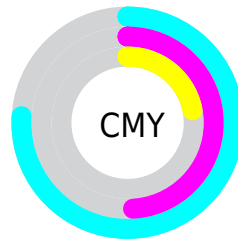


Cyan (70%)

Magenta (35%)

Yellow (0%)

Black (22%)



Cyan (76%)

Magenta (49%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C83C8 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 3C83C8 by changing the saturation by 10% instead.

■ 3C83C8

■ 3C83C8

FFFFFF

■ 0C6AAC

■ 7BB8FF

■ 005292

■ 98D3FF

■ 003C78

■ B6EFFF

■ 00265E

■ D3FFFF

■ 001246

■ F1FFFF

■ 00042F

■ 000119

■ 000000

■ 3C83C8

■ 3C83C8

■ 2879C8

■ 508DC8

■ 146FC8

■ 6497C8

■ 0065C8

■ 78A1C8

■ 8CAAC8

■ A0B4C8

■ B4BEC8

■ C8C8C8

■ DCD2C8

■ F0DCC8

Harmonies

Analogous

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



008CBE



3C83C8



8376BE

Triad

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



3C83C8



C1645C



3F8F5A

Complementary

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



3C83C8



C8813C

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.



6F883E



3C83C8



B17040

Square

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



3C83C8



C16080



947E34



00927F

Rectangle

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



3C83C8



A16CAE



947E34



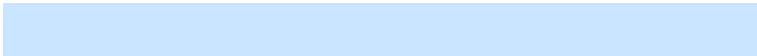
518D50

Sweetspot

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



3C83C8



C9E5FF



3CC880



607080



000000



808080

Same Dimension

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



3C83C8



2995FF



3C3EC8



5A5F63



0053A3



001224

Inverse Universe

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



C83C83



FF2995



C8C63C



635A5F



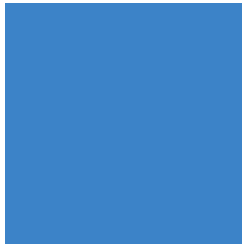
A30053



240012

Previews

White Background



This preview shows how the Hex color 3C83C8 looks on a white background.

Color Contrast Check

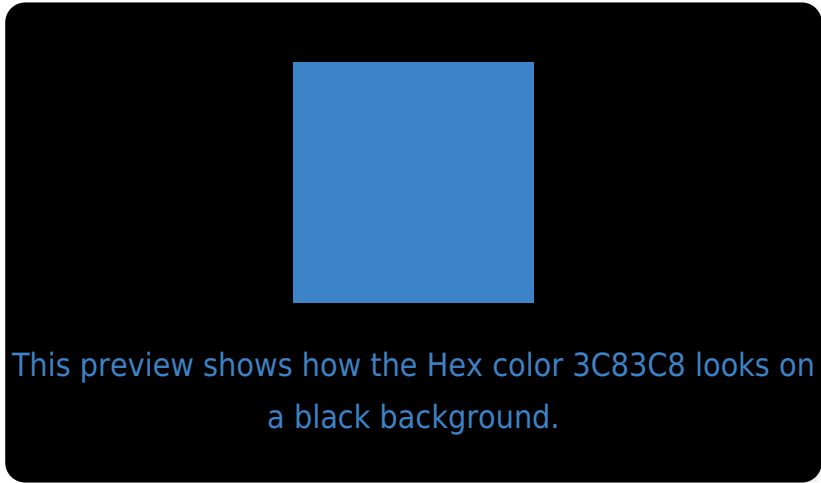
Large Text (above 18pt) WCAG AA ✓ Pass

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

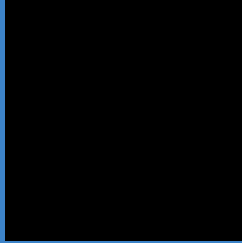
Any Text WCAG AA ✓ Pass

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 3C83C8 Background



This preview shows how black text looks on a background with the Hex color 3C83C8.

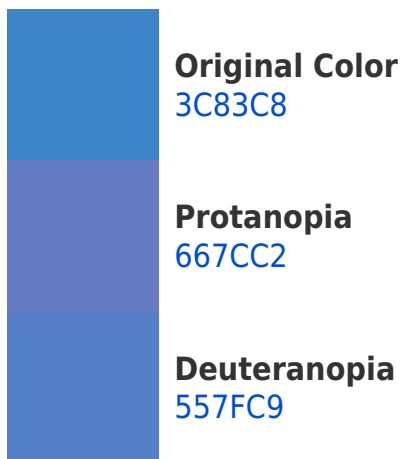


This preview shows how white text looks on a background with the Hex color 3C83C8.

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](#).

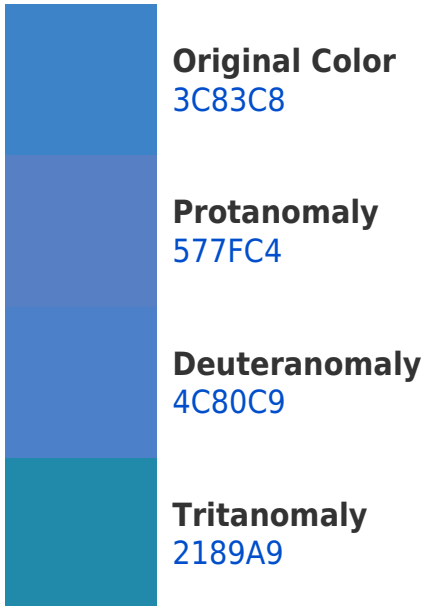
Dichromacy



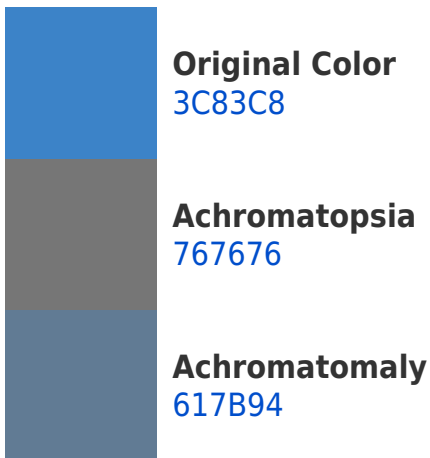


Tritanopia
128D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3C83C8 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 #3C83C8 looks like.

```
.text, #text, p{  
    color:#3C83C8  
}
```

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 #3C83C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C83C8
}
```

Border

The CSS property to change the border of an element to Hex 3C83C8 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
#3C83C8 }
```

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

```
.border{ border-color:#3C83C8 }
```

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

Here you see how a box with a 4 pixel #3C83C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C83C8; -webkit-box-shadow:4px 4px  
4px 4px #3C83C8; box-shadow:4px 4px 4px  
4px #3C83C8 }
```

Background

The CSS property to change the background color of an element to Hex 3C83C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C83C8 }
```

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

```
.background{ background-color:#3C83C8 }
```

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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