

Converting Colors

Hex(3484CA)

Have a look what the booklet for
Hex(3484CA) contains.

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Color

Hex(3484CA)

Conversions

Conversions Part 1

Format	Color
Hex	3484CA
RGB	52, 132, 202
RGB Percent	20%, 52%, 79%
CMY	0.7961, 0.4824, 0.2078
CMYK	0.74, 0.35, 0.00, 0.21
HSL	208°, 59%, 50%
HSV	208°, 74%, 79%
XYZ	20.3281, 21.4969, 58.9550
YIQ	116.0600, -70.1500, 4.8100

Conversions

Conversions Part 2

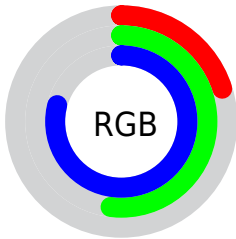
Format	Color
R_{YB}	52, 104, 202
Decimal	3441866
CIE _{Lab}	53.49, -0.51, -43.20
CIE _{LCh}	53, 43.205, 269.325
Yxy	21.4969, 0.2017, 0.2133
Android (android.graphics.Color)	4281631946 (0xFF3484CA)
YUV	116.0600, 42.3684, -56.1806
Hunter-Lab	46.3647, -2.8768, -42.9349

Details

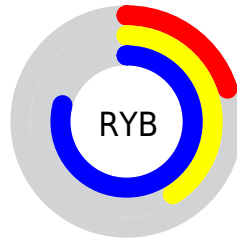
The Hex color **3484CA** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark muted azure. A complement of this color would be **CA7A34**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **76B9FF**, and **005393** is the 20% darker color. If you saturate the color by 10%, you get **207BCA**, and if you desaturate by 10%, it is **488DCA**.

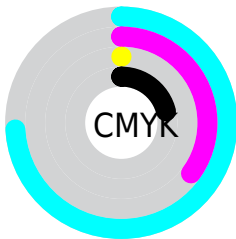
Distribution



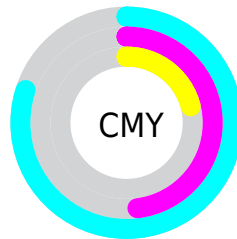
- Red (20%)
- Green (52%)
- Blue (79%)



- Red (20%)
- Yellow (41%)
- Blue (79%)



- Cyan (74%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (80%)
- Magenta (48%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3484CA 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 3484CA by changing the saturation by 10% instead.

■ 3484CA

■ 3484CA

FFFFFF

■ 006BAE

■ 76B9FF

■ 005393

■ 94D4FF

■ 003C79

■ B1F1FF

■ 002760

■ CFFFFF

■ 001348

■ EDFFFF

■ 000431

■ 00011B

■ 000000

■ 3484CA

■ 3484CA

■ 207BCA

■ 488DCA

■ 0C71CA

■ 5C97CA

■ 006CCA

■ 71A0CA

■ 85AACA

■ 99B3CA

■ ADBDCA

■ C1C6CA

■ D6CFCA

■ EAD9CA

Harmonies

Analogous

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



008DBF



3484CA



8076C1

Triad

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



3484CA



C4645D



408F58

Complementary

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



3484CA



CA7A34

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.



70883C



3484CA



B37040

Square

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



3484CA



C36082



967D32



00927E

Rectangle

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



3484CA



A06CB1



967D32



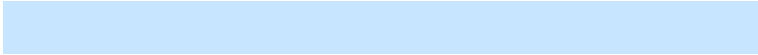
528D4D

Sweetspot

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



3484CA



C7E5FF



34CA7A



5E7080



000000



808080

Same Dimension

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



3484CA



1C95FF



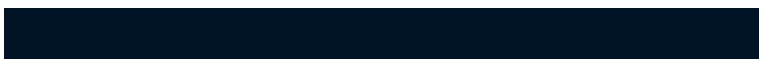
343BCA



5C6166



0058A6



001426

Inverse Universe

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



CA3484



FF1C95



CAC534



665C61



A60058



260014

Previews

White Background



This preview shows how the Hex color 3484CA looks on a white background.

Color Contrast Check

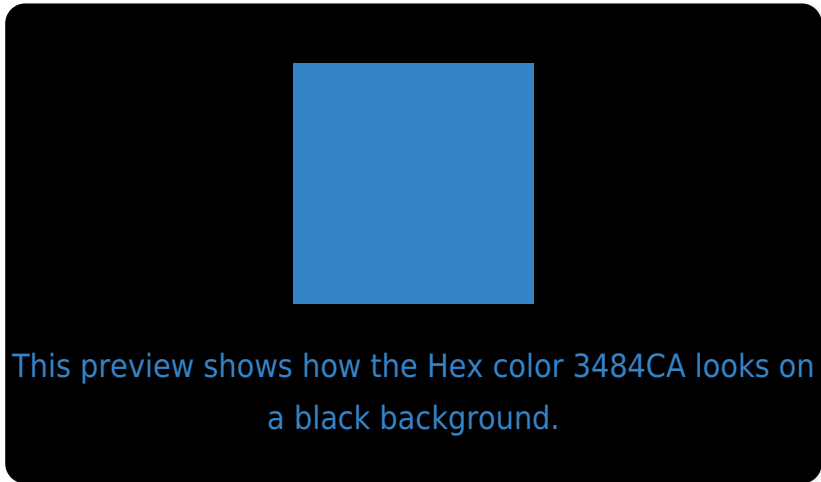
Large Text (above 18pt) WCAG AA ✓ Pass

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

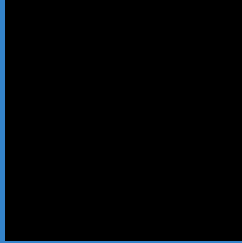
Any Text WCAG AA ✓ Pass

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 3484CA Background



This preview shows how black text looks on a background with the Hex color 3484CA.

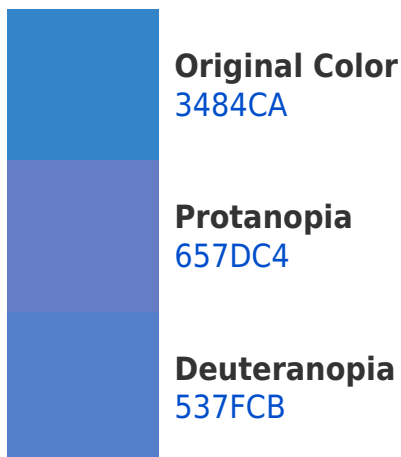


This preview shows how white text looks on a background with the Hex color 3484CA.

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](#).

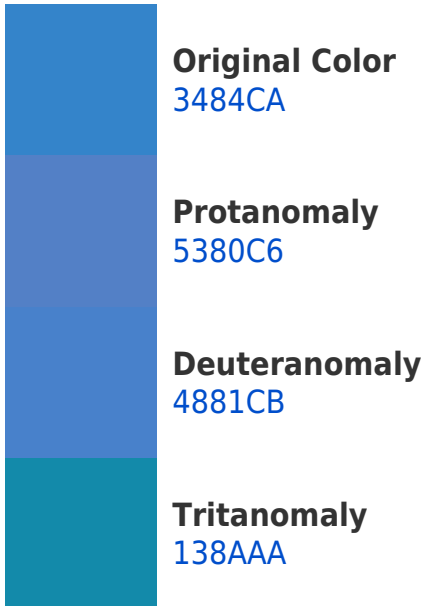
Dichromacy



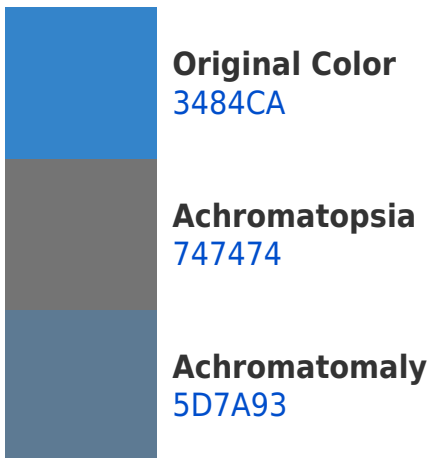


Tritanopia
008D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3484CA 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 #3484CA looks like.

```
.text, #text, p{  
    color:#3484CA  
}
```

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 #3484CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3484CA
}
```

Border

The CSS property to change the border of an element to Hex 3484CA 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
#3484CA }
```

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

```
.border{ border-color:#3484CA }
```

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

Here you see how a box with a 4 pixel #3484CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3484CA; -webkit-box-shadow:4px 4px  
4px 4px #3484CA; box-shadow:4px 4px 4px  
4px #3484CA }
```

Background

The CSS property to change the background color of an element to Hex 3484CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3484CA }
```

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

```
.background{ background-color:#3484CA }
```

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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