

# Converting Colors

Hex(3085B4)

Have a look what the booklet for  
Hex(3085B4) contains.

<b>Hex(3085B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(3085B4)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3085B4
RGB	48, 133, 180
RGB Percent	19%, 52%, 71%
CMY	0.8118, 0.4784, 0.2941
CMYK	0.73, 0.26, 0.00, 0.29
HSL	201°, 58%, 45%
HSV	201°, 73%, 71%
XYZ	17.8447, 20.6987, 46.2348
YIQ	112.9430, -65.7470, -3.4030

# Conversions

## Conversions Part 2

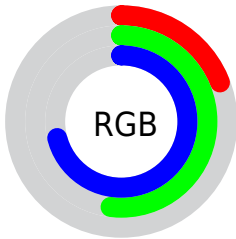
<b>Format</b>	<b>Color</b>
<b>RYB</b>	48, 100, 180
Decimal	3179956
CIELab	52.62, -9.46, -32.02
CIELCh	53, 33.388, 253.533
Yxy	20.6987, 0.2105, 0.2442
Android (android.graphics.Color)	4281370036 (0xFF3085B4)
YUV	112.9430, 33.0591, -56.9550
Hunter-Lab	45.4958, -9.6053, -28.4058

# Details

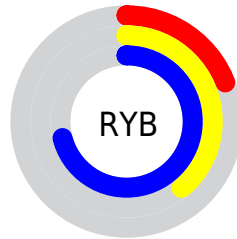
The Hex color **3085B4** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B45F30**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6FBAEC**, and **00547F** is the 20% darker color. If you saturate the color by 10%, you get **1E7FB4**, and if you desaturate by 10%, it is **428BB4**.

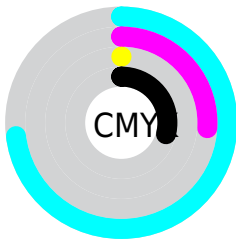
# Distribution



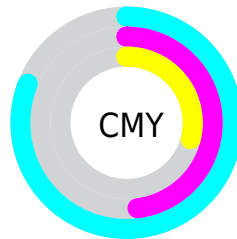
- Red (19%)
- Green (52%)
- Blue (71%)



- Red (19%)
- Yellow (39%)
- Blue (71%)



- Cyan (73%)
- Magenta (26%)
- Yellow (0%)
- Black (29%)



- Cyan (81%)
- Magenta (48%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3085B4 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 3085B4 by changing the saturation by 10% instead.





3085B4



3085B4

FFFFFF



006C99



6FBAEC



00547F



8DD6FF



003D66



AAF2FF



00274D



C7FFFF



001336



E5FFFF



000220



000005



000000



3085B4



3085B4

■ 1E7FB4

■ 428BB4

■ 0C78B4

■ 5492B4

■ 0074B4

■ 6698B4

■ 789FB4

■ 8AA5B4

■ 9CABB4

■ AEB2B4

■ C0B8B4

■ D2BFB4

# Harmonies

## Analogous

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



008BA4



3085B4



687CB5

# Triad

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



3085B4



B56772



638753

# Complementary

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



3085B4



B45F30

# 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.



838045



3085B4



AF6D57

# Square

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



3085B4



AB698F



9D7647



3D8C6C

# Rectangle

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



3085B4



8575AD



9D7647



6E854D



# Sweetspot

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



3085B4



B7D8EB



30B45E



576A75



F5F5F5



757575



# Same Dimension

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



3085B4



1CA1EB



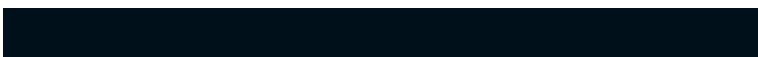
3044B4



505659



006399



00101A



# Inverse Universe

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



B43085



EB1CA1



B4A030



595056



990063



1A0010



# Previews

## White Background



This preview shows how the Hex color 3085B4 looks on a white background.

## Color Contrast Check

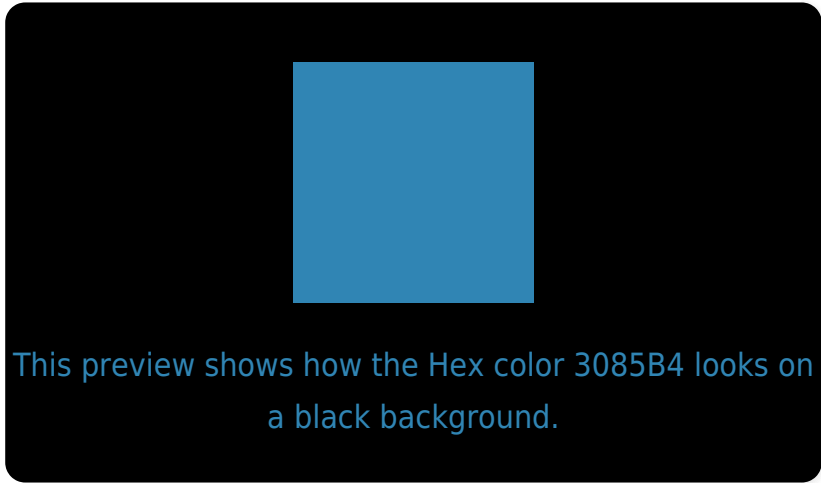
Large Text (above 18pt) WCAG AA ✓ Pass

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

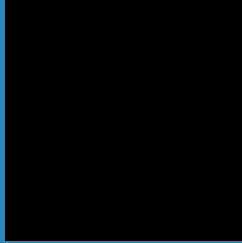
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3085B4 Background



This preview shows how black text looks on a background with the Hex color 3085B4.

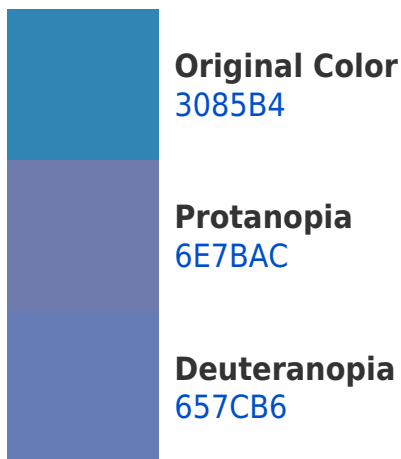


This preview shows how white text looks on a background with the Hex color 3085B4.

# 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](#).

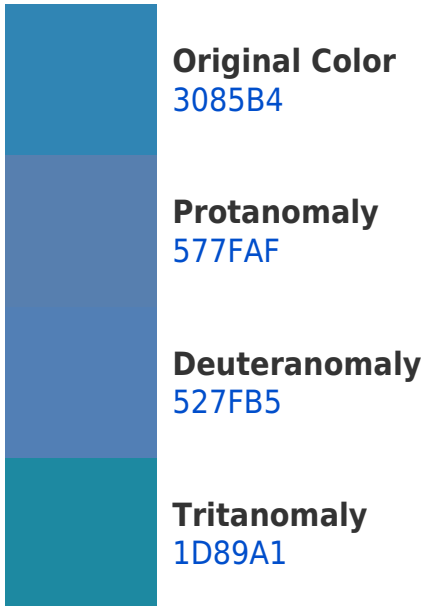
## Dichromacy





**Tritanopia**  
128B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3085B4 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 #3085B4 looks like.

```
.text, #text, p{  
    color:#3085B4  
}
```

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 #3085B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3085B4
}
```

## Border

The CSS property to change the border of an element to Hex 3085B4 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
#3085B4 }
```

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

```
.border{ border-color:#3085B4 }
```

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

Here you see how a box with a 4 pixel #3085B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3085B4; -webkit-box-shadow:4px 4px  
4px 4px #3085B4; box-shadow:4px 4px 4px  
4px #3085B4 }
```

# Background

The CSS property to change the background color of an element to Hex 3085B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3085B4 }
```

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

```
.background{ background-color:#3085B4 }
```

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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