

Converting Colors

Hex(3085BF)

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

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Color

Hex(3085BF)

Conversions

Conversions Part 1

Format	Color
Hex	3085BF
RGB	48, 133, 191
RGB Percent	19%, 52%, 75%
CMY	0.8118, 0.4784, 0.2510
CMYK	0.75, 0.30, 0.00, 0.25
HSL	204°, 60%, 47%
HSV	204°, 75%, 75%
XYZ	19.0104, 21.1650, 52.3735
YIQ	114.1970, -69.2780, 0.0180

Conversions

Conversions Part 2

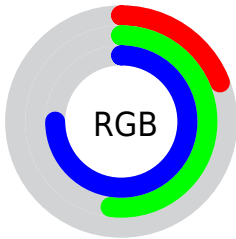
Format	Color
R_{YB}	48, 101, 191
Decimal	3179967
CIE _{Lab}	53.13, -5.57, -37.52
CIE _{LCh}	53, 37.926, 261.561
Yxy	21.1650, 0.2054, 0.2287
Android (android.graphics.Color)	4281370047 (0xFF3085BF)
YUV	114.1970, 37.8639, -58.0548
Hunter-Lab	46.0055, -6.7496, -35.2931

Details

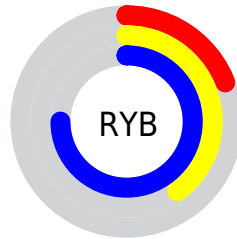
The Hex color **3085BF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BF6A30**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **71BAF8**, and **005489** is the 20% darker color. If you saturate the color by 10%, you get **1D7DBF**, and if you desaturate by 10%, it is **438DBF**.

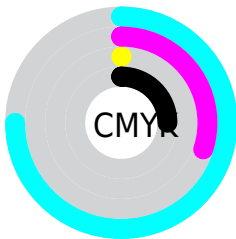
Distribution



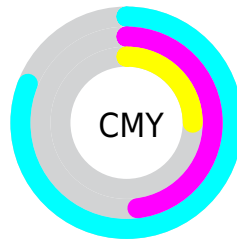
- Red (19%)
- Green (52%)
- Blue (75%)



- Red (19%)
- Yellow (40%)
- Blue (75%)



- Cyan (75%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (81%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients

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

■ 3085BF

■ 3085BF

FFFFFF

■ 006CA4

■ 71BAF8

■ 005489

■ 8FD6FF

■ 003D6F

■ ACF2FF

■ 002857

■ CAFFFF

■ 00133F

■ E8FFFF

■ 000329

■ 000112

■ 000000

■ 3085BF

■ 3085BF

■ 1D7DBF

■ 438DBF

■ 0A76BF

■ 5694BF

■ 0072BF

■ 699CBF

■ 7CA4BF

■ 90ACBF

■ A3B3BF

■ B6BBBF

■ C9C3BF

■ DCCBBF

Harmonies

Analogous

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



008CB1



3085BF



737ABB

Triad

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



3085BF



BD6569



558B55

Complementary

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



3085BF



BF6A30

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.



7B8440



3085BF



B26E4D

Square

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



3085BF



B76589



9B7A3D



1A8F74

Rectangle

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



3085BF



9271B0



9B7A3D



63894C

Sweetspot

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



3085BF



C1E1F7



30BF69



5C707D



FCFCFC



7D7D7D

Same Dimension

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



3085BF



199DF7



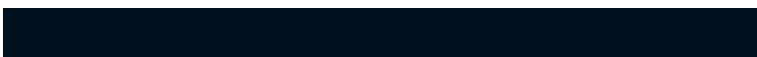
303EBF



555B5E



005E9E



00121F

Inverse Universe

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



BF3085



F7199D



BFB130



5E555B



9E005E



1F0012

Previews

White Background



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

Color Contrast Check

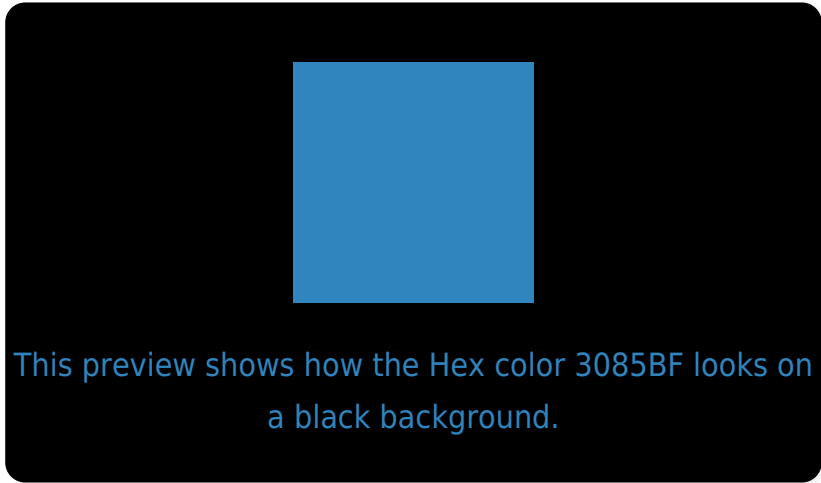
Large Text (above 18pt) WCAG AA ✓ Pass

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

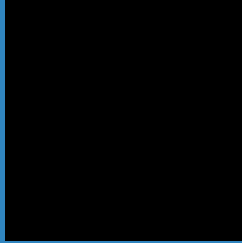
Any Text WCAG AA ✓ Pass

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 3085BF Background



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

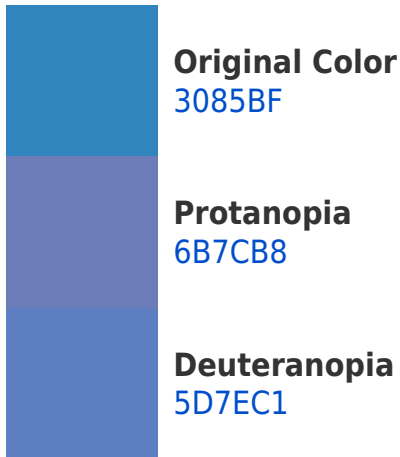


This preview shows how white text looks on a background with the Hex color 3085BF.

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](#).

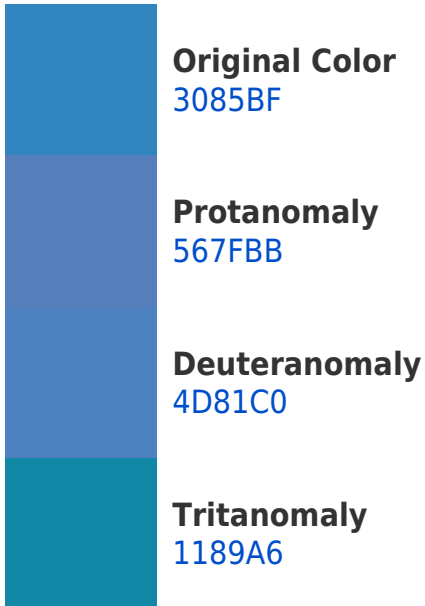
Dichromacy





Tritanopia
008C97

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #3085BF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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