

# Converting Colors

Hex(3295B1)

Have a look what the booklet for  
Hex(3295B1) contains.

<b>Hex(3295B1)</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(3295B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3295B1
RGB	50, 149, 177
RGB Percent	20%, 58%, 69%
CMY	0.8039, 0.4157, 0.3059
CMYK	0.72, 0.16, 0.00, 0.31
HSL	193°, 56%, 45%
HSV	193°, 72%, 69%
XYZ	19.9987, 25.3473, 45.4335
YIQ	122.5910, -67.9920, -12.2800

# Conversions

## Conversions Part 2

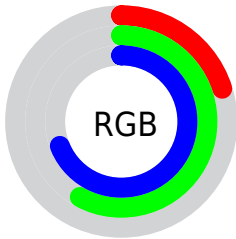
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 106, 177
Decimal	3315121
CIELab	57.41, -19.04, -22.88
CIELCh	57, 29.768, 230.227
Yxy	25.3473, 0.2203, 0.2792
Android (android.graphics.Color)	4281505201 (0xFF3295B1)
YUV	122.5910, 26.8236, -63.6623
Hunter-Lab	50.3461, -17.2014, -18.2623

# Details

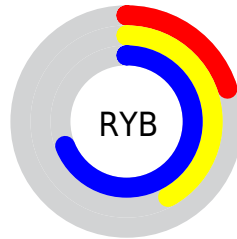
The Hex color **3295B1** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B14E32**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **71CBE9**, and **00627C** is the 20% darker color. If you saturate the color by 10%, you get **2091B1**, and if you desaturate by 10%, it is **4499B1**.

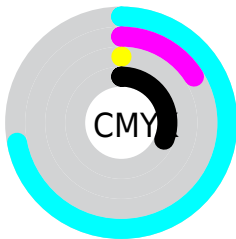
# Distribution



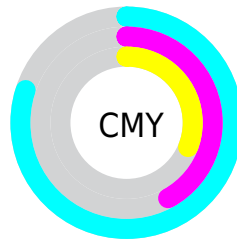
- Red (20%)
- Green (58%)
- Blue (69%)



- Red (20%)
- Yellow (42%)
- Blue (69%)



- Cyan (72%)
- Magenta (16%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (42%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3295B1 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 3295B1 by changing the saturation by 10% instead.



 3295B1

 3295B1

FFFFFF

 007B96

 71CBE9

 00627C

 8FE7FF

 004A63

 ACFFFF

 00334B

 C9FFFF

 001F34

 E7FFFF

 00021F

 000003

 000000

 3295B1

 3295B1

■ 2091B1

■ 4499B1

■ 0F8DB1

■ 559DB1

■ 008AB1

■ 67A1B1

■ 79A5B1

■ 8BA9B1

■ 9CACB1

■ AEB0B1

■ C0B4B1

■ D1B8B1

# Harmonies

## Analogous

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



2F989B



3295B1



588FBD

# Triad

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



3295B1



B77793



8A8E58

# Complementary

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



3295B1



B14E32

# 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.



A38557



3295B1



BD7779

# Square

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



3295B1



A27DAB



B67D63



6C9468

# Rectangle

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



3295B1



7489BD



B67D63



938B56



# Sweetspot

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



3295B1



B3DAE6



32B14E



556C73



F2F2F2



737373



# Same Dimension

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



3295B1



20BAE6



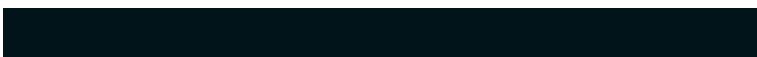
3256B1



505759



007799



00141A



# Inverse Universe

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



B13295



E620BA



B18D32



595057



990077



1A0014



# Previews

## White Background



This preview shows how the Hex color 3295B1 looks on a white background.

## Color Contrast Check

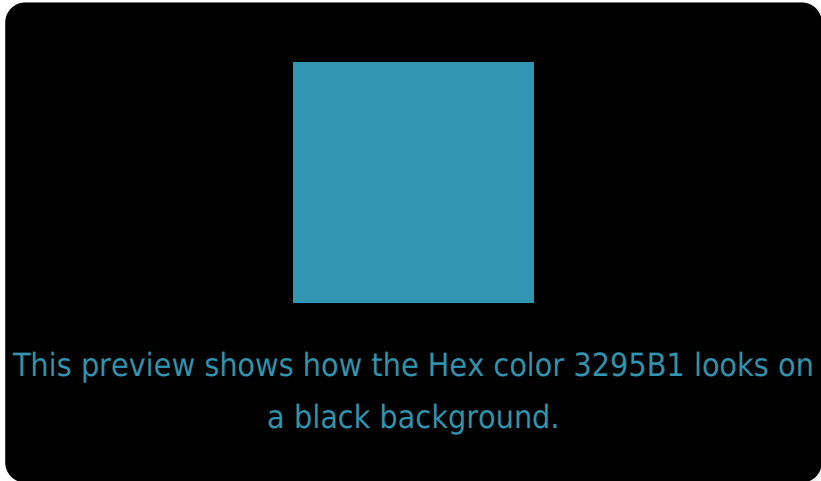
Large Text (above 18pt) WCAG AA ✓ Pass

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

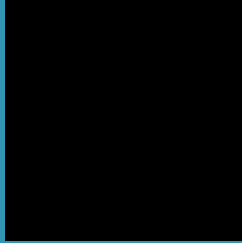
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3295B1 Background



This preview shows how black text looks on a background with the Hex color 3295B1.

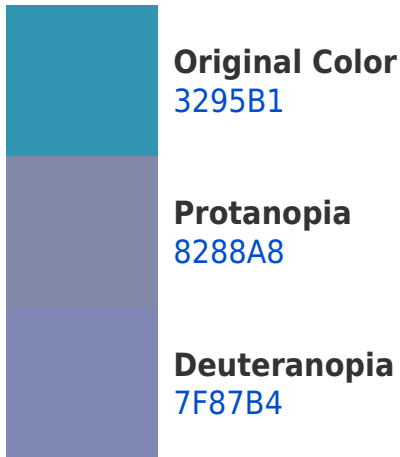


This preview shows how white text looks on a background with the Hex color 3295B1.

# 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](#).

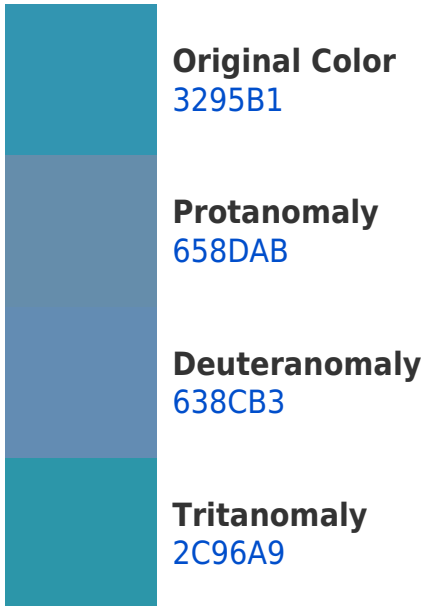
## Dichromacy



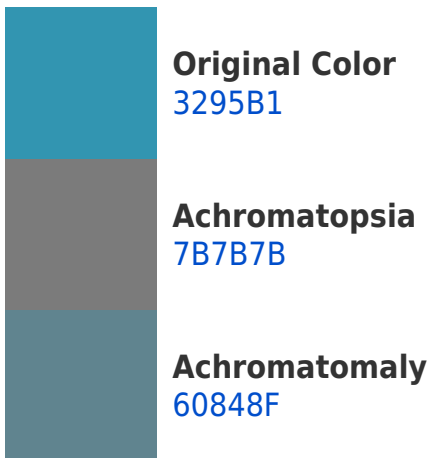


**Tritanopia**  
2897A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3295B1 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 #3295B1 looks like.

```
.text, #text, p{  
    color:#3295B1  
}
```

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 #3295B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3295B1
}
```

## Border

The CSS property to change the border of an element to Hex 3295B1 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
#3295B1 }
```

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

```
.border{ border-color:#3295B1 }
```

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

Here you see how a box with a 4 pixel #3295B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3295B1; -webkit-box-shadow:4px 4px  
4px 4px #3295B1; box-shadow:4px 4px 4px  
4px #3295B1 }
```

# Background

The CSS property to change the background color of an element to Hex 3295B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3295B1 }
```

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

```
.background{ background-color:#3295B1 }
```

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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