

# Converting Colors

Hex(329EB1)

Have a look what the booklet for  
Hex(329EB1) contains.

<b>Hex(329EB1)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(329EB1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	329EB1
RGB	50, 158, 177
RGB Percent	20%, 62%, 69%
CMY	0.8039, 0.3804, 0.3059
CMYK	0.72, 0.11, 0.00, 0.31
HSL	189°, 56%, 45%
HSV	189°, 72%, 69%
XYZ	21.4781, 28.3062, 45.9266
YIQ	127.8740, -70.4670, -16.9870

# Conversions

## Conversions Part 2

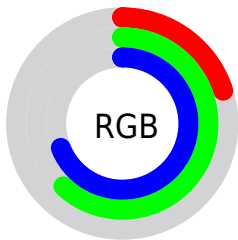
Format	Color
<b>RYB</b>	50, 108, 177
Decimal	3317425
CIELab	60.16, -23.75, -18.67
CIELCh	60, 30.209, 218.180
Yxy	28.3062, 0.2244, 0.2957
Android (android.graphics.Color)	4281507505 (0xFF329EB1)
YUV	127.8740, 24.2191, -68.2955
Hunter-Lab	53.2035, -21.0464, -13.9381

# Details

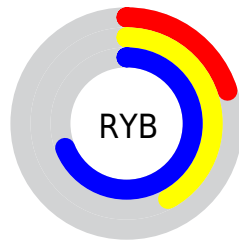
The Hex color **329EB1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B14532**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **72D5E9**, and **006A7C** is the 20% darker color. If you saturate the color by 10%, you get **209BB1**, and if you desaturate by 10%, it is **44A1B1**.

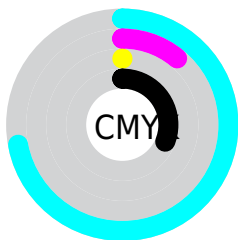
# Distribution



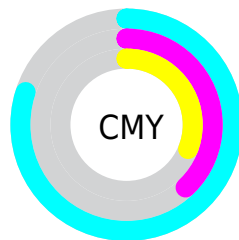
- Red (20%)
- Green (62%)
- Blue (69%)



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



- Cyan (72%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (80%)
- Magenta (38%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 329EB1 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 329EB1 by changing the saturation by 10% instead.



 329EB1

 329EB1

FFFFFF

 008496

 72D5E9

 006A7C

 90F1FF

 005263

 ADFFFF

 003A4C

 CBFFFF

 002535

 E8FFFF

 000320

 000004

 000000

 329EB1

 329EB1

■ 209BB1

■ 44A1B1

■ 0F99B1

■ 55A3B1

■ 0097B1

■ 67A6B1

■ 79A9B1

■ 8BABB1

■ 9CAEB1

■ AEB1B1

■ C0B3B1

■ D1B6B1

# Harmonies

## Analogous

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



3FA098



329EB1



4E99C2

# Triad

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



329EB1



B97FA5



9C925C

# Complementary

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



329EB1



B14532

# 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.



B48960



329EB1



C57D8B

# Square

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



329EB1



9E88BB



C38071



7F9966

# Rectangle

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



329EB1



6A94C6



C38071



A58F5C



# Sweetspot

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



329EB1



B3DEE6



32B143



556E73



F2F2F2



737373



# Same Dimension

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



329EB1



20C8E6



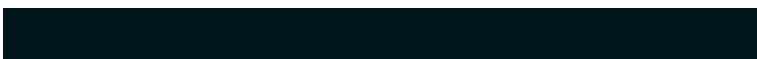
3261B1



505859



008299



00161A



# Inverse Universe

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



B1329E



E620C8



B18232



595058



990082



1A0016



# Previews

## White Background



This preview shows how the Hex color 329EB1 looks on a white background.

## Color Contrast Check

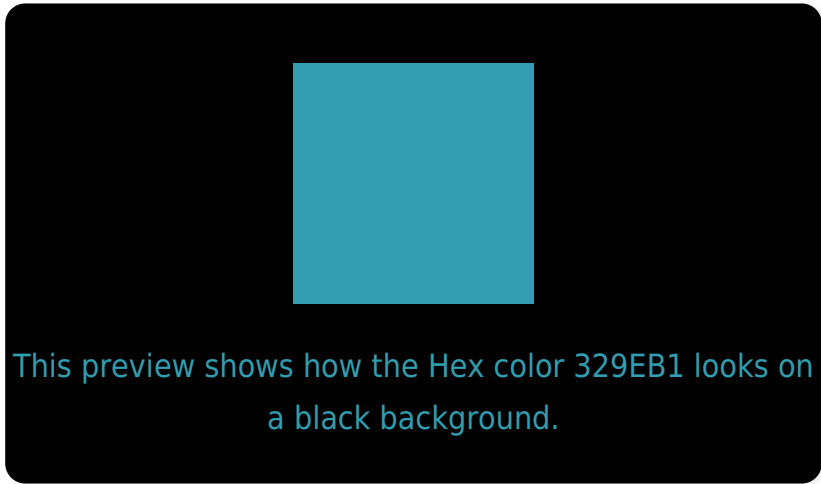
Large Text (above 18pt) WCAG AA ✓ Pass

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

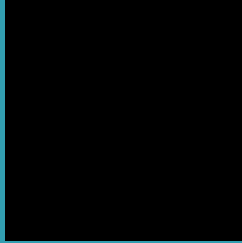
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 329EB1 Background



This preview shows how black text looks on a background with the Hex color 329EB1.

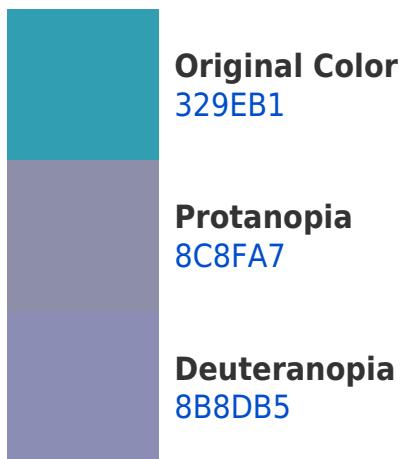


This preview shows how white text looks on a background with the Hex color 329EB1.

# Color Blindness Simulation

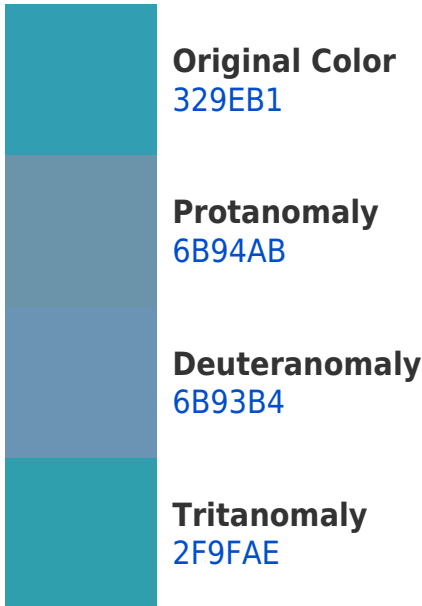
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

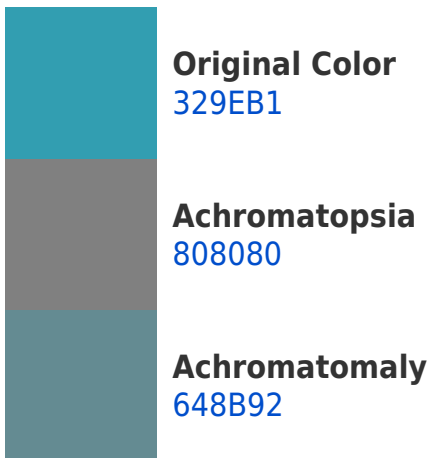




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 329EB1 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 #329EB1 looks like.

```
.text, #text, p{  
    color:#329EB1  
}
```

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 #329EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329EB1  
}
```

## Border

The CSS property to change the border of an element to Hex 329EB1 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  
#329EB1 }
```

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

```
.border{ border-color:#329EB1 }
```

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

Here you see how a box with a 4 pixel #329EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329EB1; -webkit-box-shadow:4px 4px  
4px 4px #329EB1; box-shadow:4px 4px 4px  
4px #329EB1 }
```

# Background

The CSS property to change the background color of an element to Hex 329EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329EB1 }
```

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

```
.background{ background-color:#329EB1 }
```

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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