

# Converting Colors

Hex(329B70)

Have a look what the booklet for  
Hex(329B70) contains.

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**Color**

**Hex(329B70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	329B70
RGB	50, 155, 112
RGB Percent	20%, 61%, 44%
CMY	0.8039, 0.3922, 0.5608
CMYK	0.68, 0.00, 0.28, 0.39
HSL	155°, 51%, 40%
HSV	155°, 68%, 61%
XYZ	15.9614, 25.2907, 19.3696
YIQ	118.7030, -48.7770, -35.6330

# Conversions

## Conversions Part 2

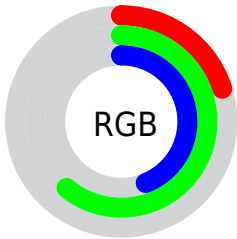
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 116, 155
Decimal	3316592
CIELab	57.36, -40.34, 14.00
CIElCh	57, 42.700, 160.866
Yxy	25.2907, 0.2633, 0.4172
Android (android.graphics.Color)	4281506672 (0xFF329B70)
YUV	118.7030, -3.3046, -60.2525
Hunter-Lab	50.2898, -31.3535, 12.3668

# Details

The Hex color **329B70** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9B325D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **6DD2A4**, and **006740** is the 20% darker color. If you saturate the color by 10%, you get **229B6A**, and if you desaturate by 10%, it is **419B76**.

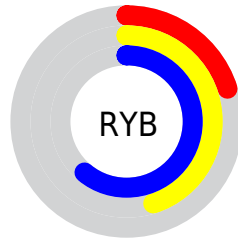
# Distribution



Red (20%)

Green (61%)

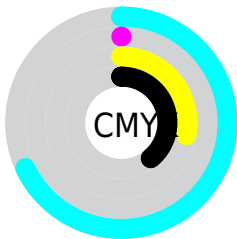
Blue (44%)



Red (20%)

Yellow (45%)

Blue (61%)

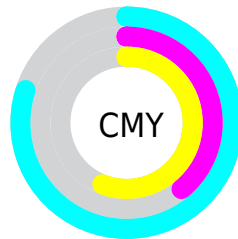


Cyan (68%)

Magenta (0%)

Yellow (28%)

Black (39%)



Cyan (80%)

Magenta (39%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 329B70 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 329B70 by changing the saturation by 10% instead.





329B70



329B70

FFFFFF



058057



6DD2A4



006740



89EFBF



004E2A



A6FFDB



003615



C2FFF7



002100



E0FFFF



000000

FDFFFF



329B70



329B70



229B6A



419B76

■ 139B63

■ 519B7D

■ 039B5D

■ 609B83

■ 009B5C

■ 709B89

■ 7F9B90

■ 8F9B96

■ 9E9B9C

■ AE9BA3

■ BD9BA9

# Harmonies

## Analogous

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



6A954F



329B70



009D97

# Triad

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



329B70



6489D3



CA725B

# Complementary

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



329B70



9B325D

# 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.



D06A7D



329B70



9E7BC2

# Square

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



329B70



0094D0



C26EA3



B47F43

# Rectangle

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



329B70



009CAF



C26EA3



CE6E66



# Sweetspot

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



329B70



A1C9B9



5E9B32



4E665C



E6E6E6



666666



# Same Dimension

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



329B70



26C987



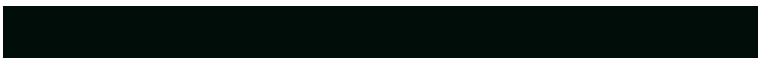
32929B



454D49



008C53



000D08



# Inverse Universe

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



9B325D



C92669



9B3B32



4D4548



8C0039



0D0005



# Previews

## White Background



This preview shows how the Hex color 329B70 looks on a white background.

## Color Contrast Check

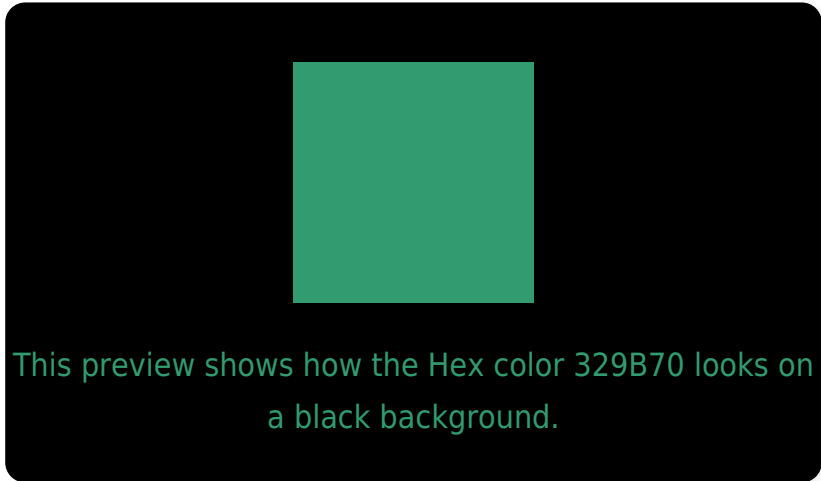
Large Text (above 18pt) WCAG AA ✓ Pass

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

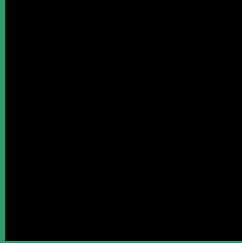
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 329B70 Background



This preview shows how black text looks on a background with the Hex color 329B70.



This preview shows how white text looks on a background with the Hex color 329B70.

# 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**  
4595A1

# Trichromacy



**Original Color**  
329B70



**Protanomaly**  
6F906A



**Deuteranomaly**  
768C73



**Tritanomaly**  
3E978F

# Monochromacy



**Original Color**  
329B70



**Achromatopsia**  
777777



**Achromatomaly**  
5E8474

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 329B70 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 #329B70 looks like.

```
.text, #text, p{  
    color:#329B70  
}
```

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 #329B70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329B70  
}
```

## Border

The CSS property to change the border of an element to Hex 329B70 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  
#329B70 }
```

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

```
.border{ border-color:#329B70 }
```

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

Here you see how a box with a 4 pixel #329B70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329B70; -webkit-box-shadow:4px 4px  
4px 4px #329B70; box-shadow:4px 4px 4px  
4px #329B70 }
```

# Background

The CSS property to change the background color of an element to Hex 329B70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329B70 }
```

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

```
.background{ background-color:#329B70 }
```

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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