

# Converting Colors

Hex(329E52)

Have a look what the booklet for  
Hex(329E52) contains.

<b>Hex(329E52)</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(329E52)

# Conversions

## Conversions Part 1

Format	Color
Hex	329E52
RGB	50, 158, 82
RGB Percent	20%, 62%, 32%
CMY	0.8039, 0.3804, 0.6784
CMYK	0.68, 0.00, 0.48, 0.38
HSL	138°, 52%, 41%
HSV	138°, 68%, 62%
XYZ	15.0652, 25.7410, 12.1571
YIQ	117.0440, -39.9720, -46.5320

# Conversions

## Conversions Part 2

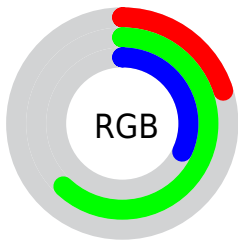
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 133, 158
Decimal	3317330
CIELab	57.79, -47.47, 30.92
CIELCh	58, 56.651, 146.922
Yxy	25.7410, 0.2844, 0.4860
Android (android.graphics.Color)	4281507410 (0xFF329E52)
YUV	117.0440, -17.2767, -58.7976
Hunter-Lab	50.7356, -35.7842, 21.3080

# Details

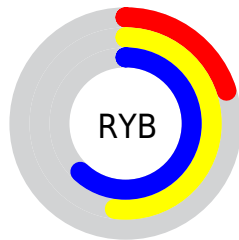
The Hex color **329E52** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9E327E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **6ED685**, and **006922** is the 20% darker color. If you saturate the color by 10%, you get **229E47**, and if you desaturate by 10%, it is **429E5D**.

# Distribution



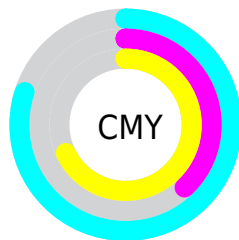
- Red (20%)
- Green (62%)
- Blue (32%)



- Red (20%)
- Yellow (52%)
- Blue (62%)



- Cyan (68%)
- Magenta (0%)
- Yellow (48%)
- Black (38%)



- Cyan (80%)
- Magenta (38%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 329E52 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 329E52 by changing the saturation by 10% instead.





329E52



329E52

FFFFFF



03833A



6ED685



006922



8AF29F



00500A



A7FFBA



003800



C4FFD6



002200



E1FFF3



000000



329E52



329E52



229E47



429E5D



129E3C



529E68

039E31

619E73

009E2F

719E7E

819E8A

919E95

A19EA0

B09EAB

C09EB6

# Harmonies

## Analogous

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



79952A



329E52



00A284

# Triad

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



329E52



0092EE



E36161

# Complementary

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



329E52



9E327E

# 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.



E15C92



329E52



8280E4

# Square

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



329E52



009DDD



C26AC2



CE7337

# Rectangle

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



329E52



00A3A6



C26AC2



E55D71



# Sweetspot

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



329E52



A3CFB0



7F9E32



4E6956



E8E8E8



696969



# Same Dimension

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



329E52



25CF57



329E87



474F49



008F2A



000F05



# Inverse Universe

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



9E327E



CF259C



9E3249



4F474D



8F0064



0F000B



# Previews

## White Background



This preview shows how the Hex color 329E52 looks on a white background.

## Color Contrast Check

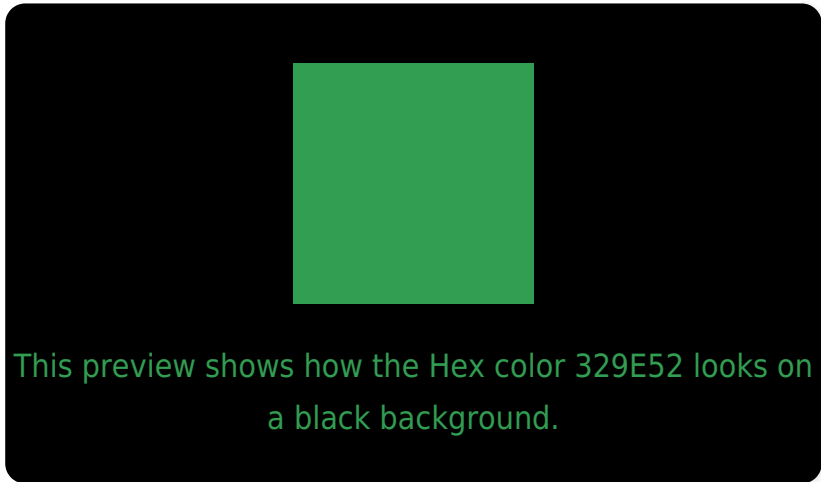
Large Text (above 18pt) WCAG AA ✓ Pass

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

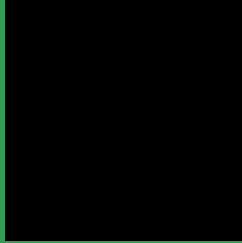
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 329E52 Background



This preview shows how black text looks on a background with the Hex color 329E52.



This preview shows how white text looks on a background with the Hex color 329E52.

# 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](#).

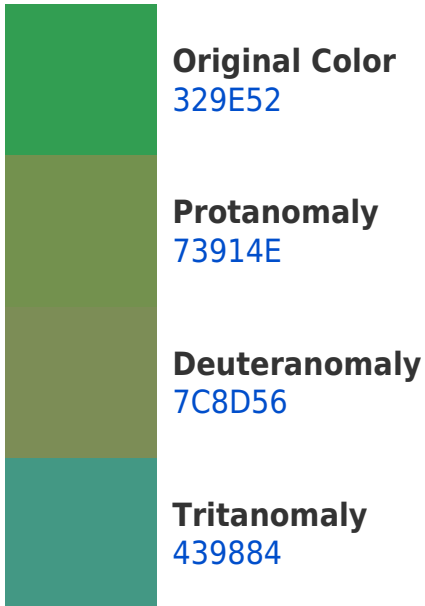
## Dichromacy



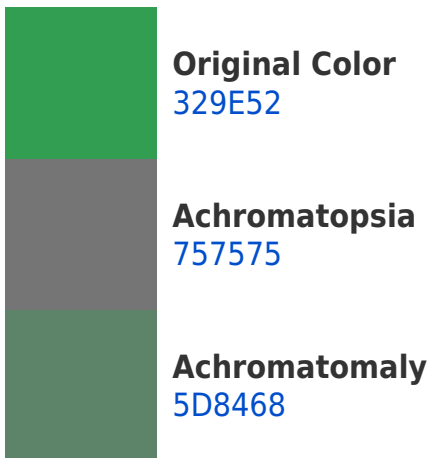


**Tritanopia**  
4C95A1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 329E52 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 #329E52 looks like.

```
.text, #text, p{  
    color:#329E52  
}
```

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 #329E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #329E52
}
```

## Border

The CSS property to change the border of an element to Hex 329E52 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
#329E52 }
```

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

```
.border{ border-color:#329E52 }
```

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

Here you see how a box with a 4 pixel #329E52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #329E52; -webkit-box-shadow:4px 4px  
4px 4px #329E52; box-shadow:4px 4px 4px  
4px #329E52 }
```

# Background

The CSS property to change the background color of an element to Hex 329E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#329E52 }
```

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

```
.background{ background-color:#329E52 }
```

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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