

# Converting Colors

Hex(325957)

Have a look what the booklet for  
Hex(325957) contains.

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# Color

**Hex(325957)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 325957                     |
| RGB         | 50, 89, 87                 |
| RGB Percent | 20%, 35%, 34%              |
| CMY         | 0.8039, 0.6510, 0.6588     |
| CMYK        | 0.44, 0.00, 0.02, 0.65     |
| HSL         | 177°, 28%, 27%             |
| HSV         | 177°, 44%, 35%             |
| XYZ         | 6.6081, 8.5110, 10.3113    |
| YIQ         | 77.1110, -22.6020, -8.8900 |

# Conversions

## Conversions Part 2

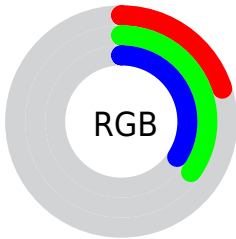
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 50, 70, 89                    |
| Decimal                             | 3299671                       |
| CIELab                              | 35.03, -14.34, -3.19          |
| CIElCh                              | 35, 14.690, 192.533           |
| Yxy                                 | 8.5110, 0.2598,<br>0.3347     |
| Android<br>(android.graphics.Color) | 4281489751<br>(0xFF325957)    |
| YUV                                 | 77.1110, 4.8753,<br>-23.7763  |
| Hunter-Lab                          | 29.1736, -10.6220,<br>-0.5344 |




# Details

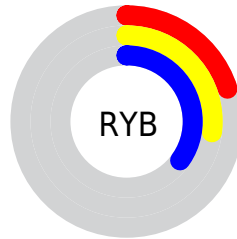
The Hex color **325957** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **593234**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **638B89**, and **012B2A** is the 20% darker color. If you saturate the color by 10%, you get **295957**, and if you desaturate by 10%, it is **3B5957**.

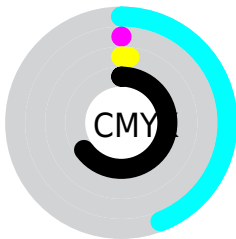
# Distribution







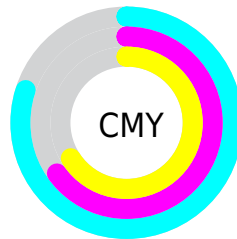
-  Red (20%)
-  Green (35%)
-  Blue (34%)






-  Red (20%)
-  Yellow (27%)
-  Blue (35%)



-  Cyan (44%)
-  Magenta (0%)
-  Yellow (2%)
-  Black (65%)



-  Cyan (80%)
-  Magenta (65%)
-  Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 325957 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 325957 by changing the saturation by 10% instead.





325957



325957

FFFFFF



1A4140



638B89



012B2A



7DA6A3



001815



97C1BE



000000



B2DDDA



CEF9F6



EAEFFF



325957



325957



295957



3B5957

■ 205956

■ 445958

■ 175956

■ 4D5958

■ 0E5955

■ 565959

■ 065955

■ 5F5959

■ 005954

■ 67595A

■ 70595A

■ 79595B

■ 82595B

# Harmonies

## Analogous

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



3C584B



325957



315862

# Triad

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



325957



5A4E64



614F3C

# Complementary

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



325957



593234

# 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.



684C43



325957



654B5A

# Square

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



325957



4B5269



6A4A4E



56533B

# Rectangle

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



325957



375667



6A4A4E



644E3E



# Sweetspot

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



325957



647372



355932



313B3A



BABABA



3B3B3B



# Same Dimension

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



325957



367370



324859



272B2B



006B66



00EBDF



# Inverse Universe

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



593234



733639



594332



2B2727



6B0005



EB000C



# Previews

## White Background



This preview shows how the Hex color 325957 looks on a white background.

## Color Contrast Check

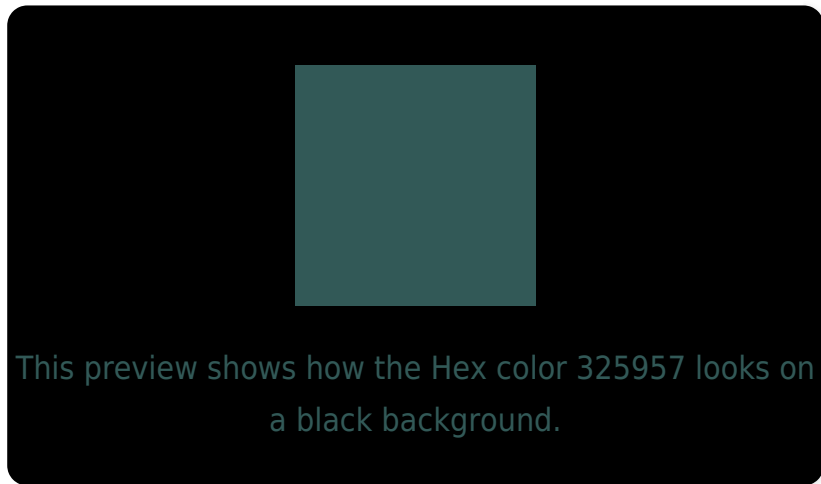
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

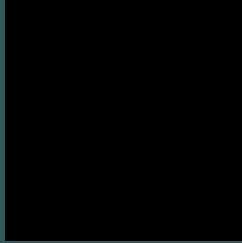
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 325957 Background



This preview shows how black text looks on a background with the Hex color 325957.

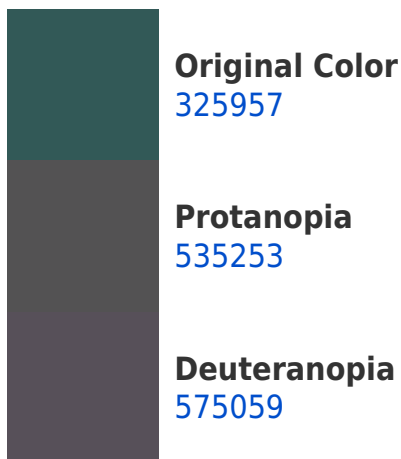



This preview shows how white text looks on a background with the Hex color 325957.

# 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](#).

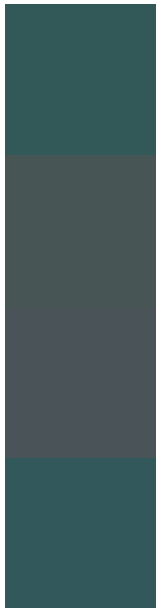
## Dichromacy





**Tritanopia**  
34585F

# Trichromacy



**Original Color**  
325957

**Protanomaly**  
475554

**Deuteranomaly**  
4A5358

**Tritanomaly**  
33585C

# Monochromacy



**Original Color**  
325957

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
435151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 325957 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 #325957 looks like.

```
.text, #text, p{  
    color:#325957  
}
```

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 #325957 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #325957
}
```

## Border

The CSS property to change the border of an element to Hex 325957 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".

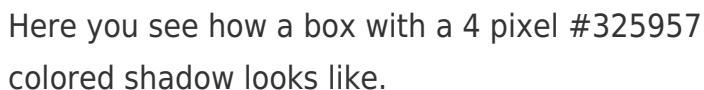
```
.border, #border, table{ border:4px solid
#325957 }
```

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

```
.border{ border-color:#325957 }
```

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

Here you see how a box with a 4 pixel #325957 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #325957; -webkit-box-shadow:4px 4px  
4px 4px #325957; box-shadow:4px 4px 4px  
4px #325957 }
```

# Background

The CSS property to change the background color of an element to Hex 325957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#325957 }
```

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

```
.background{ background-color:#325957 }
```

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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