

# Converting Colors

Hex(319540)

Have a look what the booklet for  
Hex(319540) contains.

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# Color

**Hex(319540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	319540
RGB	49, 149, 64
RGB Percent	19%, 58%, 25%
CMY	0.8078, 0.4157, 0.7490
CMYK	0.67, 0.00, 0.57, 0.42
HSL	129°, 51%, 39%
HSV	129°, 67%, 58%
XYZ	12.9395, 22.5180, 8.5149
YIQ	109.4100, -32.3150, -47.6350

# Conversions

## Conversions Part 2

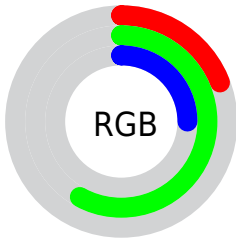
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 136, 149
Decimal	3249472
CIE <sub>Lab</sub>	54.57, -46.98, 36.15
CIE <sub>LCh</sub>	55, 59.275, 142.421
Yxy	22.5180, 0.2943, 0.5121
Android (android.graphics.Color)	4281439552 (0xFF319540)
YUV	109.4100, -22.3871, -52.9796
Hunter-Lab	47.4532, -34.3698, 22.5783




# Details

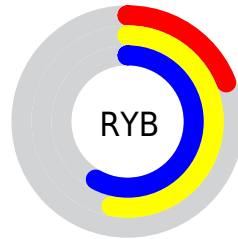
The Hex color **319540** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **953186**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **6CCC72**, and **00610E** is the 20% darker color. If you saturate the color by 10%, you get **229533**, and if you desaturate by 10%, it is **40954D**.

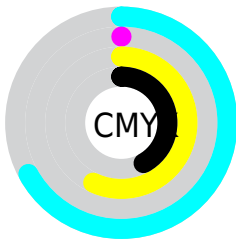
# Distribution







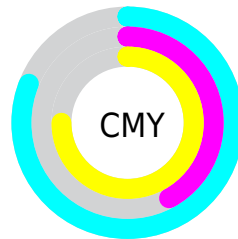
-  Red (19%)
-  Green (58%)
-  Blue (25%)






-  Red (19%)
-  Yellow (53%)
-  Blue (58%)



-  Cyan (67%)
-  Magenta (0%)
-  Yellow (57%)
-  Black (42%)




-  Cyan (81%)
-  Magenta (42%)
-  Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 319540 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 319540 by changing the saturation by 10% instead.



 319540

 319540

FFFFFF

 057B28

 6CCC72

 00610E

 88E98C

 004800

 A4FFA7

 003100

 C1FFC3


 001900

 DEFFDF

 000000

 FCFFFC

 319540

 319540

 229533

 40954D

■ 139527

■ 4F9559

■ 04951A

■ 5E9566

■ 009516

■ 6D9573

■ 7C957F

■ 8A958C

■ 999599

■ A895A5

■ B795B2

# Harmonies

## Analogous

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



778B13



319540



009A73

# Triad

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



319540



008CE8



DE535F

# Complementary

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



319540



953186

# 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.



D85192



319540



697AE2

# Square

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



319540



0097D3



B463C2



CB6731

# Rectangle

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



319540



009B97



B463C2



DF506F



# Sweetspot

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



319540



9BC2A1



869531



4A614D



E0E0E0



616161



# Same Dimension

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



319540



25C23C



319572



434A44



008A15



000A02



# Inverse Universe

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



953186



C225AA



953154



4A4349



8A0075



0A0009



# Previews

## White Background



This preview shows how the Hex color 319540 looks on a white background.

## Color Contrast Check

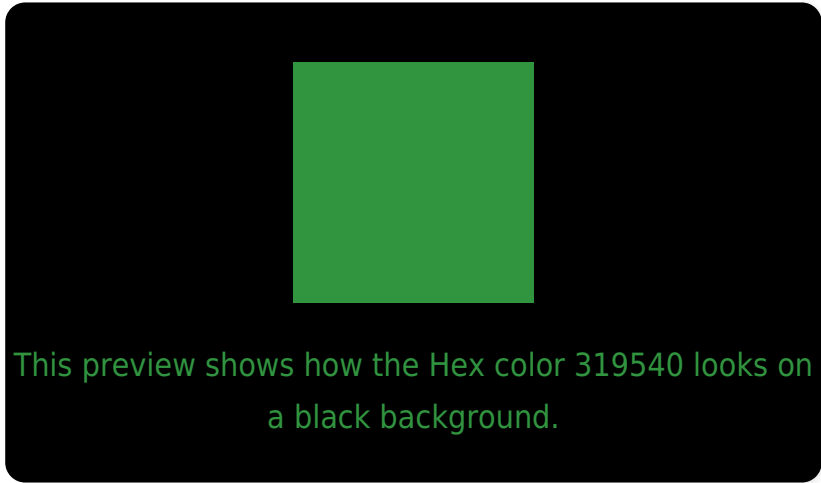
Large Text (above 18pt) WCAG AA ✓ Pass

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

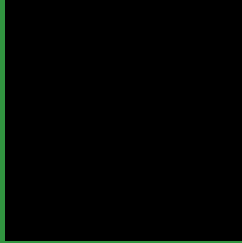
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 319540 Background



This preview shows how black text looks on a background with the Hex color 319540.



This preview shows how white text looks on a background with the Hex color 319540.

# 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



**Original Color**  
319540

**Protanopia**  
90823A

**Deuteranopia**  
9F7C47



**Tritanopia**  
4A8C97

# Trichromacy



**Original Color**  
319540



**Protanomaly**  
6D893C



**Deuteranomaly**  
778544



**Tritanomaly**  
418F77

# Monochromacy



**Original Color**  
319540



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
577C5D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 319540 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 #319540 looks like.

```
.text, #text, p{  
    color:#319540  
}
```

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 #319540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319540
}
```

## Border

The CSS property to change the border of an element to Hex 319540 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
#319540 }
```

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

```
.border{ border-color:#319540 }
```

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

Here you see how a box with a 4 pixel #319540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319540; -webkit-box-shadow:4px 4px  
4px 4px #319540; box-shadow:4px 4px 4px  
4px #319540 }
```

# Background

The CSS property to change the background color of an element to Hex 319540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319540 }
```

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

```
.background{ background-color:#319540 }
```

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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