

# Converting Colors

Hex(319353)

Have a look what the booklet for  
Hex(319353) contains.

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# Color

Hex(319353)

# Conversions

## Conversions Part 1

Format	Color
Hex	319353
RGB	49, 147, 83
RGB Percent	19%, 58%, 33%
CMY	0.8078, 0.4235, 0.6745
CMYK	0.67, 0.00, 0.44, 0.42
HSL	141°, 50%, 38%
HSV	141°, 67%, 58%
XYZ	13.2617, 22.1449, 11.7591
YIQ	110.4020, -37.8640, -40.6800

# Conversions

## Conversions Part 2

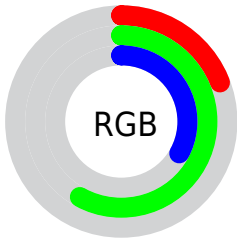
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 122, 147
Decimal	3248979
CIELab	54.18, -43.17, 25.76
CIELCh	54, 50.270, 149.177
Yxy	22.1449, 0.2812, 0.4695
Android (android.graphics.Color)	4281439059 (0xFF319353)
YUV	110.4020, -13.5092, -53.8496
Hunter-Lab	47.0584, -32.0486, 18.1254

# Details

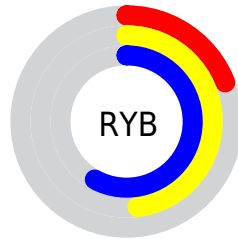
The Hex color **319353** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **933171**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6BCA85**, and **005F24** is the 20% darker color. If you saturate the color by 10%, you get **229349**, and if you desaturate by 10%, it is **40935D**.

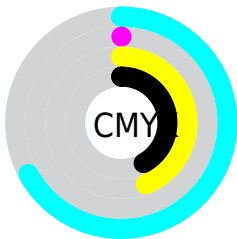
# Distribution



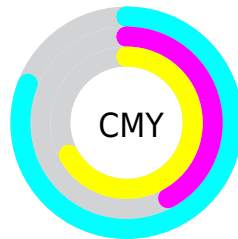
- Red (19%)
- Green (58%)
- Blue (33%)



- Red (19%)
- Yellow (48%)
- Blue (58%)



- Cyan (67%)
- Magenta (0%)
- Yellow (44%)
- Black (42%)




- Cyan (81%)
- Magenta (42%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 319353 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 319353 by changing the saturation by 10% instead.



 319353

 319353

FFFFFF

 07793B

 6BCA85

 005F24

 87E6A0

 00470E

 A3FFBB

 002F00


 BFFFD7

 001700

 DCFFF3

 000000

 FAFFFF

 319353

 319353

 229349

 40935D

■ 149340

■ 4E9366

■ 059336

■ 5D9370

■ 009333

■ 6C9379

■ 7B9383

■ 89938D

■ 989396

■ A793A0

■ B593A9

# Harmonies

## Analogous

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



6F8B30



319353



00967F

# Triad

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



319353



0087D8



CF5F5A

# Complementary

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



319353



933171

# 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.



CE5A85



319353



8077CE

# Square

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



319353



0091CB



B565AF



BB6F37

# Rectangle

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



319353



00979D



B565AF



D15C68



# Sweetspot

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



319353



99BFA6



729331



4A6152



E0E0E0



616161



# Same Dimension

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



319353



26BF5B



319383



434A45



008A30



000A04



# Inverse Universe

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



933171



BF268A



933141



4A4347



8A005A



0A0007



# Previews

## White Background



This preview shows how the Hex color 319353 looks on a white background.

## Color Contrast Check

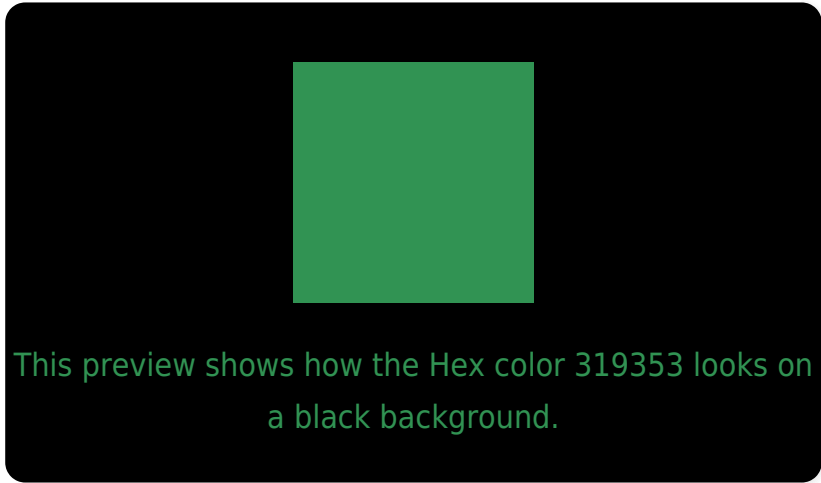
Large Text (above 18pt) WCAG AA ✓ Pass

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 319353 Background



This preview shows how black text looks on a background with the Hex color 319353.



This preview shows how white text looks on a background with the Hex color 319353.

# 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**  
319353

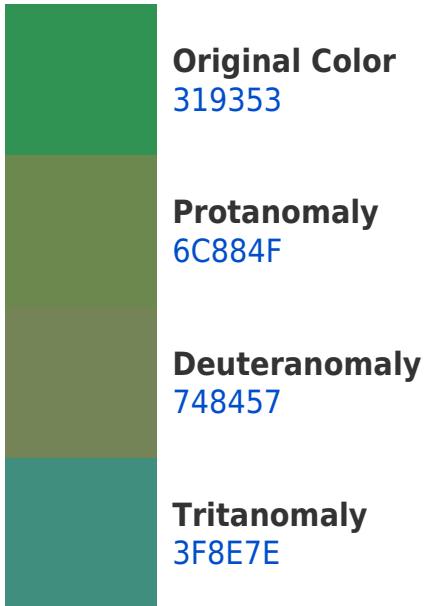
**Protanopia**  
8D814C

**Deuteranopia**  
9A7B59

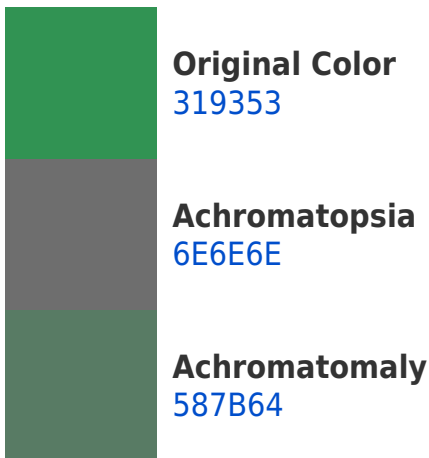


**Tritanopia**  
478B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 319353 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 #319353 looks like.

```
.text, #text, p{  
    color:#319353  
}
```

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 #319353 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319353
}
```

## Border

The CSS property to change the border of an element to Hex 319353 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
#319353 }
```

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

```
.border{ border-color:#319353 }
```

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

Here you see how a box with a 4 pixel #319353 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319353; -webkit-box-shadow:4px 4px  
4px 4px #319353; box-shadow:4px 4px 4px  
4px #319353 }
```

# Background

The CSS property to change the background color of an element to Hex 319353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319353 }
```

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

```
.background{ background-color:#319353 }
```

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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