

# Converting Colors

Hex(379176)

Have a look what the booklet for  
Hex(379176) contains.

<b>Hex(379176)</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(379176)

# Conversions

## Conversions Part 1

Format	Color
Hex	379176
RGB	55, 145, 118
RGB Percent	22%, 57%, 46%
CMY	0.7843, 0.4314, 0.5373
CMYK	0.62, 0.00, 0.19, 0.43
HSL	162°, 45%, 39%
HSV	162°, 62%, 57%
XYZ	14.9710, 22.3710, 20.6685
YIQ	115.0120, -44.9730, -27.4770

# Conversions

## Conversions Part 2

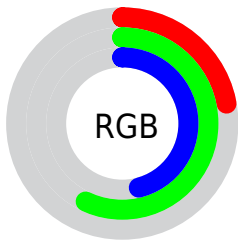
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 108, 145
Decimal	3641718
CIELab	54.42, -33.50, 6.47
CIElCh	54, 34.120, 169.071
Yxy	22.3710, 0.2581, 0.3856
Android (android.graphics.Color)	4281831798 (0xFF379176)
YUV	115.0120, 1.4731, -52.6305
Hunter-Lab	47.2980, -26.2720, 7.1998

# Details

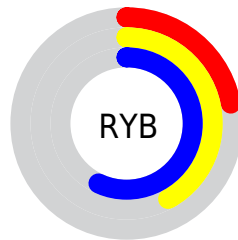
The Hex color **379176** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **913752**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6FC7AA**, and **005E46** is the 20% darker color. If you saturate the color by 10%, you get **299172**, and if you desaturate by 10%, it is **46917A**.

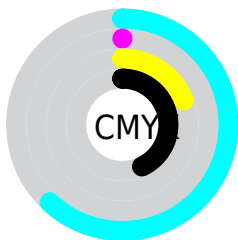
# Distribution



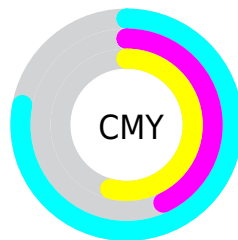
- Red (22%)
- Green (57%)
- Blue (46%)



- Red (22%)
- Yellow (42%)
- Blue (57%)



- Cyan (62%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)



- Cyan (78%)
- Magenta (43%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 379176 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 379176 by changing the saturation by 10% instead.



 379176

 379176

FFFFFF

 15775D

 6FC7AA

 005E46

 8BE4C5

 00452F

 A7FFE1

 002E1B

 C3FFE

 001800

 E0FFF

 000000

FEFFF

 379176

 379176

 299172

 46917A

■ 1A916D

■ 54917F

■ 0B9169

■ 629183

■ 009166

■ 719187

■ 7F918C

■ 8E9190

■ 9D9194

■ AB9199

■ BA919D

# Harmonies

## Analogous

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



608D5A



379176



009294

# Triad

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



379176



757FBA



B37257

# Complementary

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



379176



913752

# 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.



BB6B70



379176



9C74A9

# Square

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



379176



3F88BC



B46C8E



9E7D48

# Rectangle

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



379176



0090A6



B46C8E



B76F5E



# Sweetspot

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



379176



99BDB2



529137



495E58



DEDEDE



5E5E5E



# Same Dimension

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



379176



31BD93



377F91



404745



00875F



000805



# Inverse Universe

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



913752



BD315B



914937



474042



870029

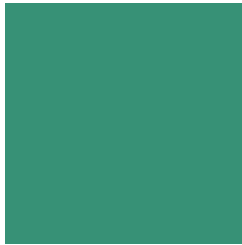


080002



# Previews

## White Background



This preview shows how the Hex color 379176 looks on a white background.

## Color Contrast Check

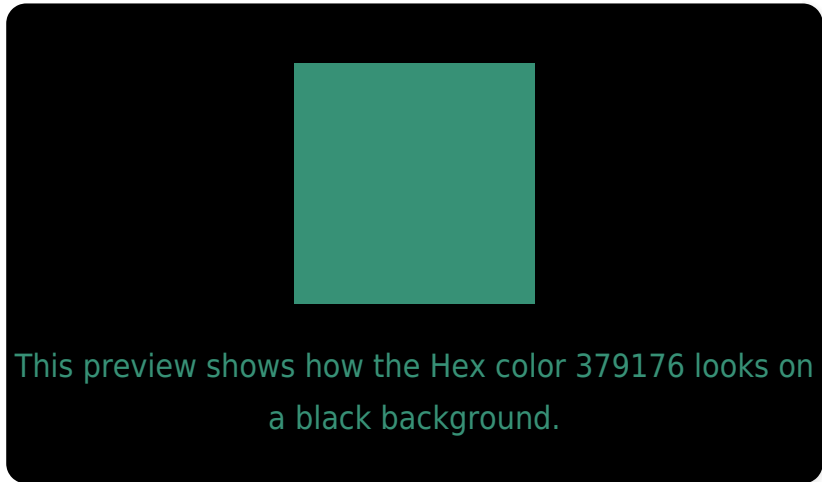
Large Text (above 18pt) WCAG AA ✓ Pass

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

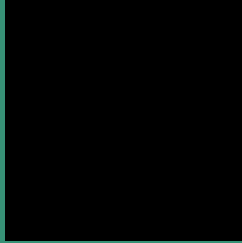
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 379176 Background



This preview shows how black text looks on a background with the Hex color 379176.

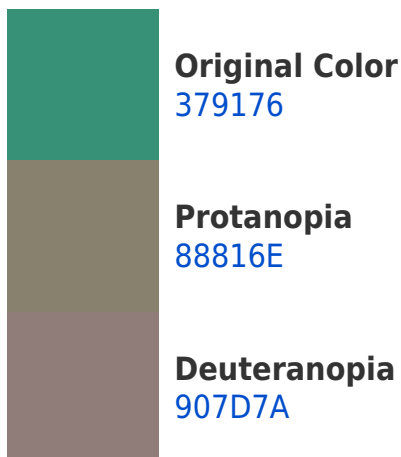


This preview shows how white text looks on a background with the Hex color 379176.

# 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**  
448C98

# Trichromacy



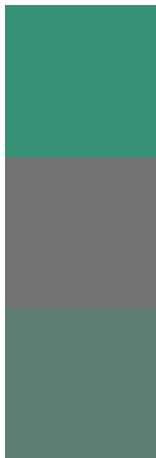
**Original Color**  
379176

**Protanomaly**  
6B8771

**Deuteranomaly**  
708479

**Tritanomaly**  
3F8E8C

# Monochromacy



**Original Color**  
379176

**Achromatopsia**  
737373

**Achromatomaly**  
5D7E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 379176 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 #379176 looks like.

```
.text, #text, p{  
    color:#379176  
}
```

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 #379176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #379176
}
```

## Border

The CSS property to change the border of an element to Hex 379176 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
#379176 }
```

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

```
.border{ border-color:#379176 }
```

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

Here you see how a box with a 4 pixel #379176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #379176; -webkit-box-shadow:4px 4px  
4px 4px #379176; box-shadow:4px 4px 4px  
4px #379176 }
```

# Background

The CSS property to change the background color of an element to Hex 379176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#379176 }
```

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

```
.background{ background-color:#379176 }
```

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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