

Converting Colors

Hex(379670)

Have a look what the booklet for
Hex(379670) contains.

Hex(379670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(379670)

Conversions

Conversions Part 1

Format	Color
Hex	379670
RGB	55, 150, 112
RGB Percent	22%, 59%, 44%
CMY	0.7843, 0.4118, 0.5608
CMYK	0.63, 0.00, 0.25, 0.41
HSL	156°, 46%, 40%
HSV	156°, 63%, 59%
XYZ	15.4065, 23.7948, 19.1101
YIQ	117.2630, -44.4220, -31.9580

Conversions

Conversions Part 2

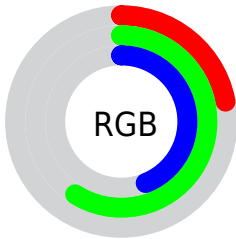
Format	Color
RYB	55, 114, 150
Decimal	3642992
CIELab	55.88, -37.21, 11.96
CIELCh	56, 39.088, 162.188
Yxy	23.7948, 0.2642, 0.4081
Android (android.graphics.Color)	4281833072 (0xFF379670)
YUV	117.2630, -2.5947, -54.6047
Hunter-Lab	48.7799, -28.9878, 10.9184

Details

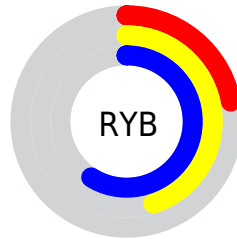
The Hex color **379670** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **96375D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **70CDA4**, and **006240** is the 20% darker color. If you saturate the color by 10%, you get **28966A**, and if you desaturate by 10%, it is **469676**.

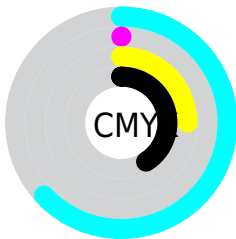
Distribution



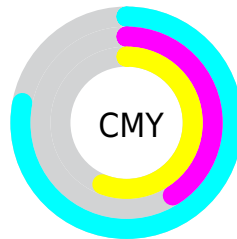
- Red (22%)
- Green (59%)
- Blue (44%)



- Red (22%)
- Yellow (45%)
- Blue (59%)



- Cyan (63%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)



- Cyan (78%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 379670 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 379670 by changing the saturation by 10% instead.

 379670

 379670

FFFFFF

 147C58

 70CDA4

 006240

 8CE9BF

 004A2A

 A8FFDB

 003215

 C4FFF7

 001D00

 E2FFFF

 000000

 379670

 379670

 28966A

 469676

 199664

 55967C

0A965E

649682

00965A

739688

82968E

919694

A0969A

AF96A0

BE96A6

Harmonies

Analogous

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



689152



379670



009893

Triad

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



379670



6885C8



C0715A

Complementary

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



379670



96375D

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.



C76A79



379670



9B78B8

Square

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



379670



058FC6



BA6D9C



AC7D45

Rectangle

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



379670



0097A9



BA6D9C



C46E64

Sweetspot

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



379670



9DC2B3



5D9637



4B6158



E0E0E0



616161

Same Dimension

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



379670



2FC287



378C96



434A47



008A53



000A06

Inverse Universe

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



96375D



C22F69



964137



4A4346



8A0037



0A0004

Previews

White Background



This preview shows how the Hex color 379670 looks on a white background.

Color Contrast Check

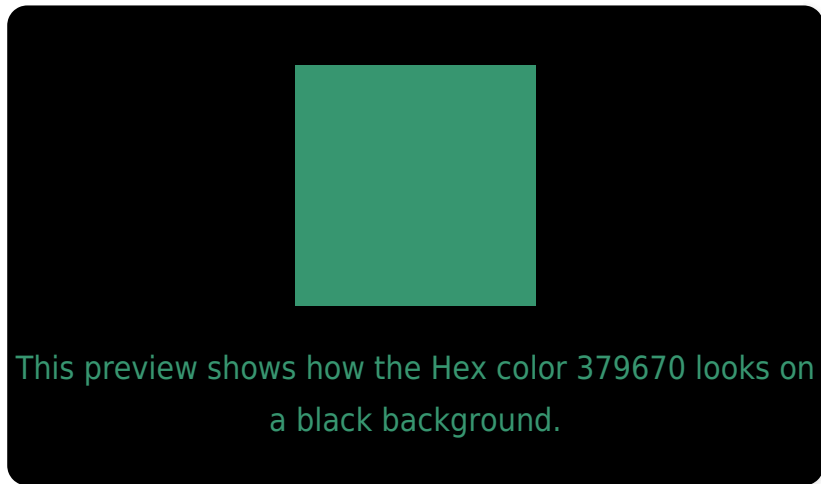
Large Text (above 18pt) WCAG AA ✓ Pass

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

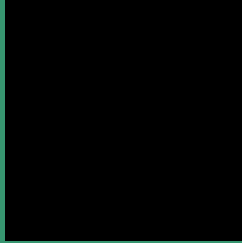
Any Text WCAG AA ✓ Pass

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 379670 Background



This preview shows how black text looks on a background with the Hex color 379670.

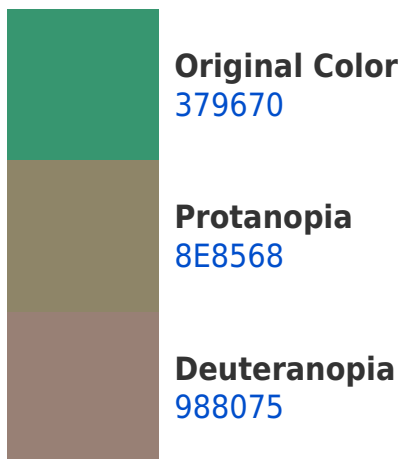


This preview shows how white text looks on a background with the Hex color 379670.

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](#).

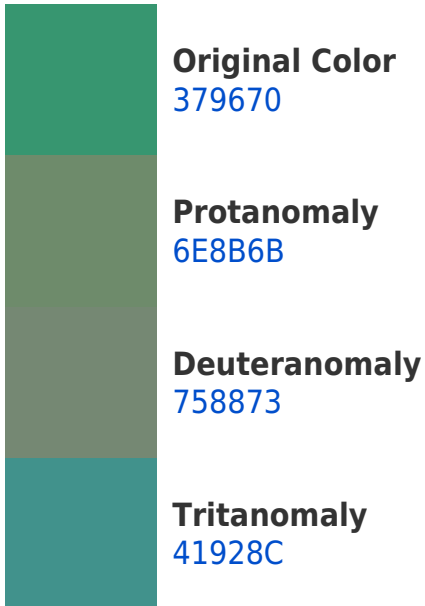
Dichromacy



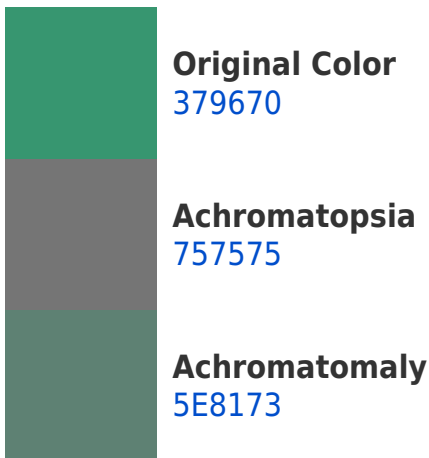


Tritanopia
47909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 379670 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 #379670 looks like.

```
.text, #text, p{  
    color:#379670  
}
```

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 #379670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #379670
}
```

Border

The CSS property to change the border of an element to Hex 379670 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
#379670 }
```

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

```
.border{ border-color:#379670 }
```

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

Here you see how a box with a 4 pixel #379670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #379670; -webkit-box-shadow:4px 4px  
4px 4px #379670; box-shadow:4px 4px 4px  
4px #379670 }
```

Background

The CSS property to change the background color of an element to Hex 379670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#379670 }
```

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

```
.background{ background-color:#379670 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor