

# Converting Colors

Hex(289470)

Have a look what the booklet for  
Hex(289470) contains.

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**Color**

**Hex(289470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	289470
RGB	40, 148, 112
RGB Percent	16%, 58%, 44%
CMY	0.8431, 0.4196, 0.5608
CMYK	0.73, 0.00, 0.24, 0.42
HSL	160°, 57%, 37%
HSV	160°, 73%, 58%
XYZ	14.3896, 22.8008, 18.9718
YIQ	111.6040, -52.8120, -34.0920

# Conversions

## Conversions Part 2

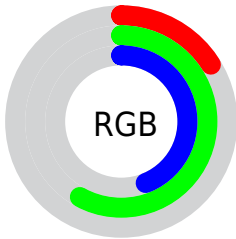
Format	Color
<a href="#">RYB</a>	<a href="#">40, 105, 148</a>
Decimal	<a href="#">2659440</a>
CIELab	<a href="#">54.87, -38.97, 10.48</a>
CIELCh	<a href="#">55, 40.357, 164.954</a>
Yxy	<a href="#">22.8008, 0.2562, 0.4060</a>
Android (android.graphics.Color)	<a href="#">4280849520</a> ( <a href="#">0xFF289470</a> )
YUV	<a href="#">111.6040, 0.1952, -62.7967</a>
Hunter-Lab	<a href="#">47.7502, -29.7714, 9.8684</a>

# Details

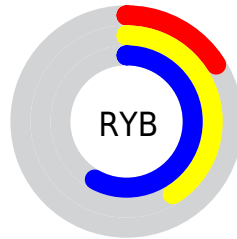
The Hex color **289470** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **94284C**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **65CBA4**, and **006040** is the 20% darker color. If you saturate the color by 10%, you get **19946B**, and if you desaturate by 10%, it is **379475**.

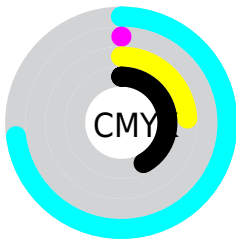
# Distribution



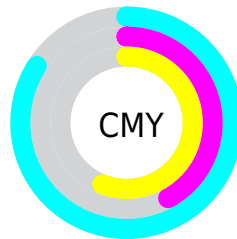
- Red (16%)
- Green (58%)
- Blue (44%)



- Red (16%)
- Yellow (41%)
- Blue (58%)



- Cyan (73%)
- Magenta (0%)
- Yellow (24%)
- Black (42%)



- Cyan (84%)
- Magenta (42%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 289470 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 289470 by changing the saturation by 10% instead.



 289470

 289470

FFFFFF

 007A58

 65CBA4

 006040

 81E7BF

 00482A

 9EFFDB

 003015

 BBFFF7

 001A00

 D8FFF7

 000000

 F5FFFF

 289470

 289470

 19946B

 379475

■ 0A9466

■ 46947A

■ 009463

■ 54947F

■ 639484

■ 729489

■ 81948E

■ 909493

■ 9E9497

■ AD949C

# Harmonies

## Analogous

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



608F50



289470



009594

# Triad

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



289470



6981C7



BE6F53

# Complementary

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



289470



94284C

# 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.



C66773



289470



9D73B5

# Square

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



289470



008CC6



BB6996



A77B3F

# Rectangle

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



289470



0094AA



BB6996



C26B5D



# Sweetspot

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



289470



95BFB1



4C9428



486159



E0E0E0



616161



# Same Dimension

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



289470



17BF87



288294



434A47



008A5C



000A07



# Inverse Universe

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



94284C



BF174F



943A28



4A4345



8A002E



0A0003



# Previews

## White Background



This preview shows how the Hex color 289470 looks on a white background.

## Color Contrast Check

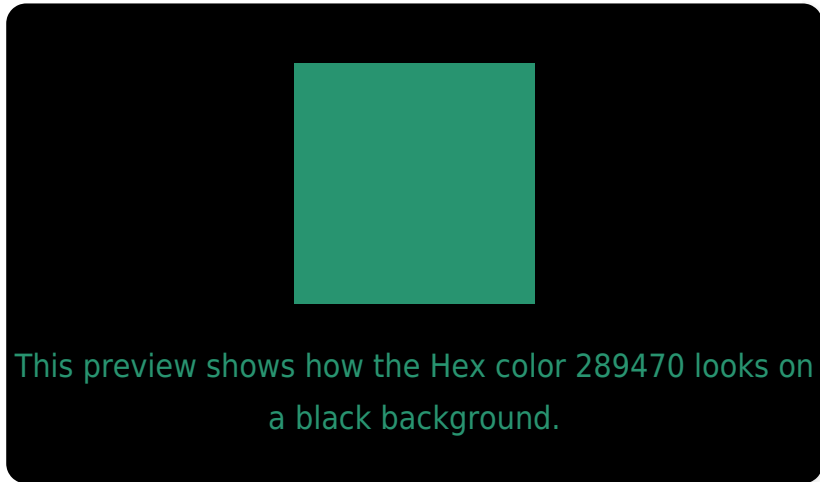
Large Text (above 18pt) WCAG AA ✓ Pass

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

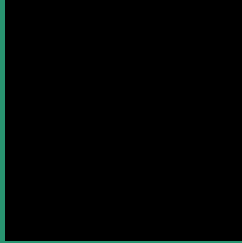
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 289470 Background



This preview shows how black text looks on a background with the Hex color 289470.

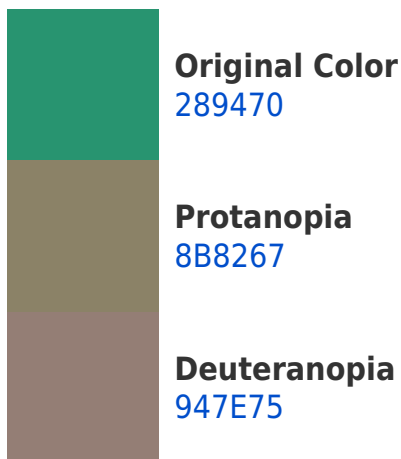


This preview shows how white text looks on a background with the Hex color 289470.

# 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](#).

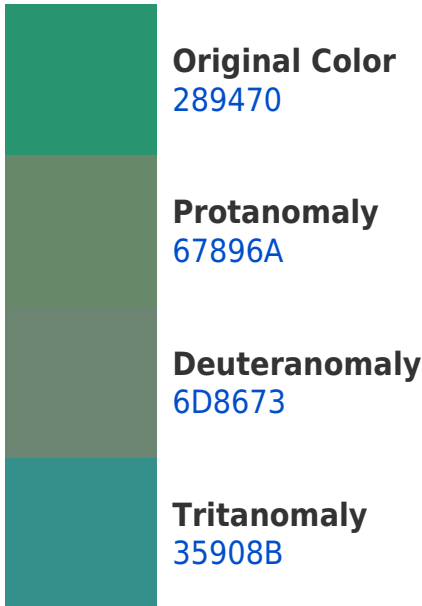
## Dichromacy



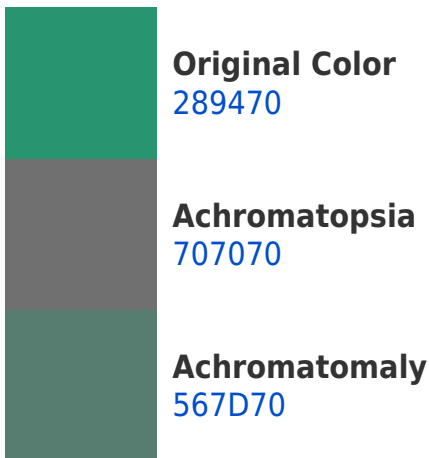


**Tritanopia**  
3C8E9A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 289470 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 #289470 looks like.

```
.text, #text, p{  
    color:#289470  
}
```

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 #289470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #289470
}
```

## Border

The CSS property to change the border of an element to Hex 289470 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
#289470 }
```

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

```
.border{ border-color:#289470 }
```

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

Here you see how a box with a 4 pixel #289470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #289470; -webkit-box-shadow:4px 4px  
4px 4px #289470; box-shadow:4px 4px 4px  
4px #289470 }
```

# Background

The CSS property to change the background color of an element to Hex 289470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#289470 }
```

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

```
.background{ background-color:#289470 }
```

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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