

Converting Colors

Hex(279346)

Have a look what the booklet for
Hex(279346) contains.

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Color

Hex(279346)

Conversions

Conversions Part 1

Format	Color
Hex	279346
RGB	39, 147, 70
RGB Percent	15%, 58%, 27%
CMY	0.8471, 0.4235, 0.7255
CMYK	0.73, 0.00, 0.52, 0.42
HSL	137°, 58%, 36%
HSV	137°, 73%, 58%
XYZ	12.3759, 21.7410, 9.3385
YIQ	105.9300, -39.6510, -46.8430

Conversions

Conversions Part 2

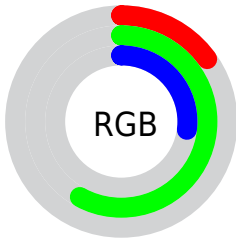
Format	Color
R _{YB}	39, 123, 147
Decimal	2593606
CIE Lab	53.75, -47.23, 32.06
CIE LCh	54, 57.080, 145.829
Yxy	21.7410, 0.2848, 0.5003
Android (android.graphics.Color)	4280783686 (0xFF279346)
YUV	105.9300, -17.7135, -58.6976
Hunter-Lab	46.6272, -34.2197, 20.7644

Details

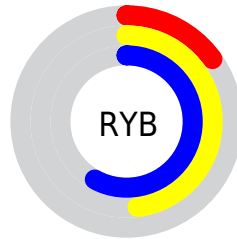
The Hex color **279346** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **932774**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **64CA78**, and **005F16** is the 20% darker color. If you saturate the color by 10%, you get **18933C**, and if you desaturate by 10%, it is **369350**.

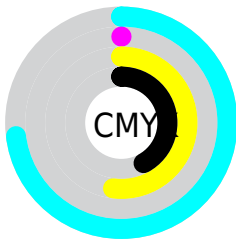
Distribution



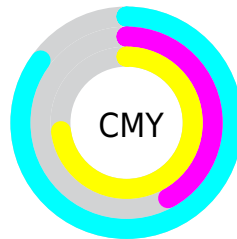
- Red (15%)
- Green (58%)
- Blue (27%)



- Red (15%)
- Yellow (48%)
- Blue (58%)



- Cyan (73%)
- Magenta (0%)
- Yellow (52%)
- Black (42%)



- Cyan (85%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 279346 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 279346 by changing the saturation by 10% instead.

 279346

 279346

FFFFFF

 00792E

 64CA78

 005F16

 81E792

 004600

 9DFFAD

 002F00

 BAFFC9

 001600

 D7FFE5

 000000

 F5FFFF

 279346

 279346

 18933C

 369350

■ 0A9331

■ 44935B

■ 00932A

■ 539365

■ 629370

■ 71937A

■ 7F9385

■ 8E938F

■ 9D939A

■ AB93A4

Harmonies

Analogous

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



6F8A1C



279346



009778

Triad

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



279346



0088E3



D75559

Complementary

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



279346



932774

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.



D45189



279346



7376DA

Square

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



279346



0093D1



B560B8



C3682E

Rectangle

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



279346



00989A



B560B8



D95168

Sweetspot

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



279346



95BFA1



749327



48614F



E0E0E0



616161

Same Dimension

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



279346



17BF47



27937C



434A45



008A28



000A03

Inverse Universe

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



932774



BF178F



93273E



4A4348



8A0062



0A0007

Previews

White Background



This preview shows how the Hex color 279346 looks on a white background.

Color Contrast Check

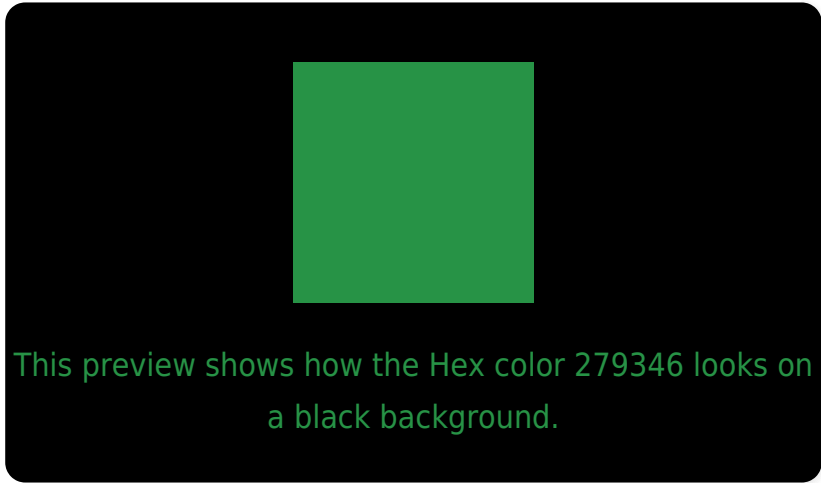
Large Text (above 18pt) WCAG AA ✓ Pass

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

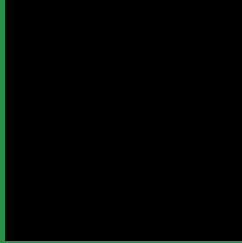
Any Text WCAG AA ✓ Pass

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 279346 Background



This preview shows how black text looks on a background with the Hex color 279346.

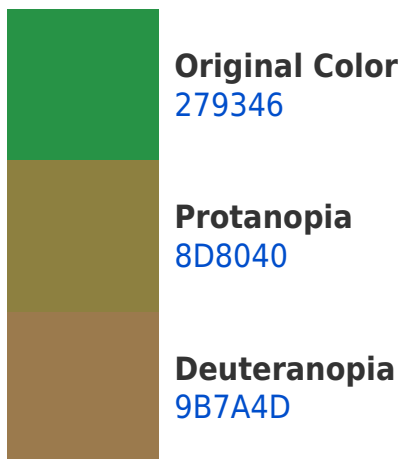



This preview shows how white text looks on a background with the Hex color 279346.

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](#).

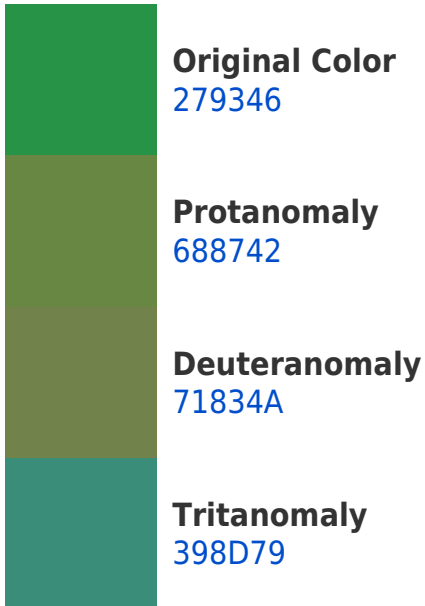
Dichromacy



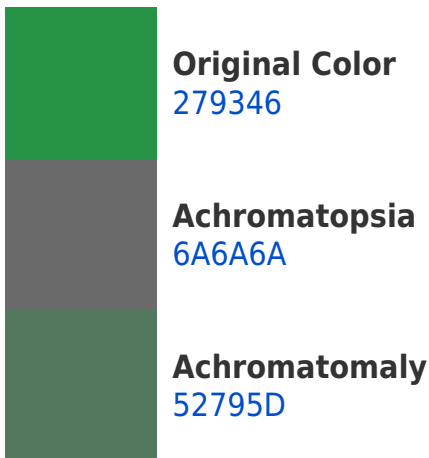


Tritanopia
438A96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 279346 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 #279346 looks like.

```
.text, #text, p{  
    color:#279346  
}
```

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 #279346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #279346
}
```

Border

The CSS property to change the border of an element to Hex 279346 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
#279346 }
```

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

```
.border{ border-color:#279346 }
```

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

Here you see how a box with a 4 pixel #279346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #279346; -webkit-box-shadow:4px 4px  
4px 4px #279346; box-shadow:4px 4px 4px  
4px #279346 }
```

Background

The CSS property to change the background color of an element to Hex 279346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#279346 }
```

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

```
.background{ background-color:#279346 }
```

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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