

# Converting Colors

Hex(279236)

Have a look what the booklet for  
Hex(279236) contains.

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# Color

Hex(279236)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	279236
RGB	39, 146, 54
RGB Percent	15%, 57%, 21%
CMY	0.8471, 0.4275, 0.7882
CMYK	0.73, 0.00, 0.63, 0.43
HSL	128°, 58%, 36%
HSV	128°, 73%, 57%
XYZ	11.7814, 21.2554, 6.9718
YIQ	103.5190, -34.2400, -51.2960

# Conversions

## Conversions Part 2

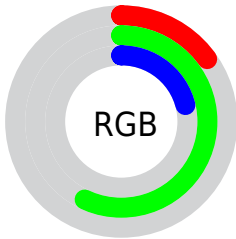
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 133, 146
Decimal	2593334
CIE <sub>Lab</sub>	53.23, -49.10, 39.35
CIE <sub>LCh</sub>	53, 62.917, 141.291
Yxy	21.2554, 0.2945, 0.5313
Android (android.graphics.Color)	4280783414 (0xFF279236)
YUV	103.5190, -24.4129, -56.5832
Hunter-Lab	46.1036, -35.0670, 23.3067

# Details

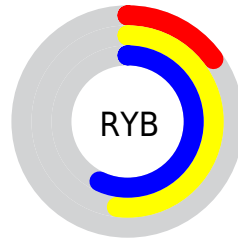
The Hex color **279236** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **922783**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **65C968**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **189229**, and if you desaturate by 10%, it is **369243**.

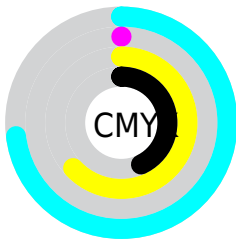
# Distribution



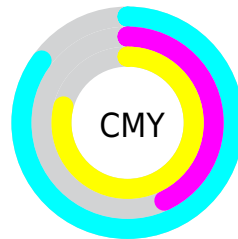
- Red (15%)
- Green (57%)
- Blue (21%)



- Red (15%)
- Yellow (52%)
- Blue (57%)



- Cyan (73%)
- Magenta (0%)
- Yellow (63%)
- Black (43%)



- Cyan (85%)
- Magenta (43%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 279236 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 279236 by changing the saturation by 10% instead.



 279236

 279236

FFFFFF

 00781D

 65C968

 005E00

 81E582

 004500

 9EFF9D

 002F00

 BAFFB8

 001300

 D8FFD4

 000000

 F5FFF1

 279236

 279236

 189229

 369243

■ 0A921D

■ 44924F

■ 009214

■ 53925C

■ 619268

■ 709275

■ 7F9281

■ 8D928E

■ 9C929A

■ AA92A7

# Harmonies

## Analogous

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



748800



279236



00976D

# Triad

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



279236



008AEB



DE4A5B

# Complementary

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



279236



922783

# 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.



D84891



279236



5C78E5

# Square

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



279236



0094D3



B05EC4



CB602A

# Rectangle

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



279236



009893



B05EC4



DF466D



# Sweetspot

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



279236



93BD99



849227



465E49



DEDEDE



5E5E5E



# Same Dimension

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



279236



17BD2E



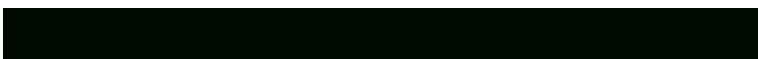
27926B



434A44



008A13



000A01



# Inverse Universe

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



922783



BD17A5



92274E



4A4349



8A0076



0A0009



# Previews

## White Background



This preview shows how the Hex color 279236 looks on a white background.

## Color Contrast Check

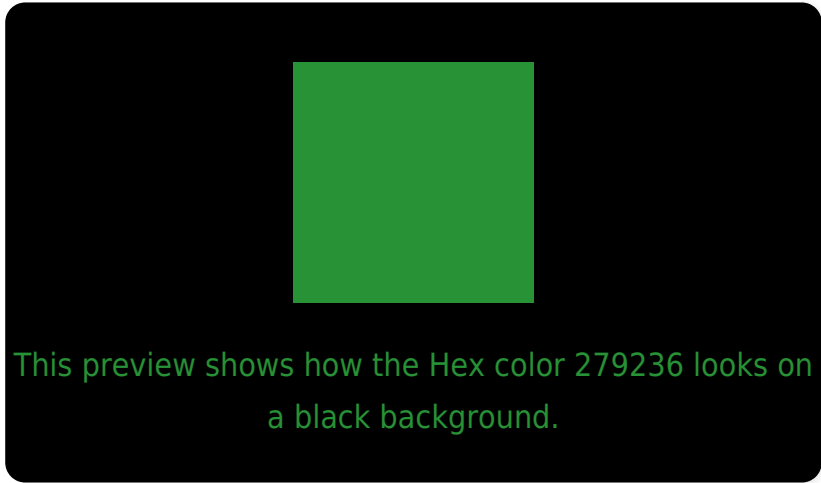
Large Text (above 18pt) WCAG AA ✓ Pass

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

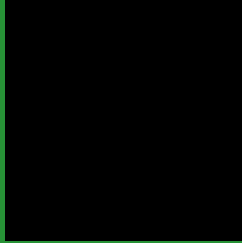
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 279236 Background



This preview shows how black text looks on a background with the Hex color 279236.



This preview shows how white text looks on a background with the Hex color 279236.

# 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**  
279236

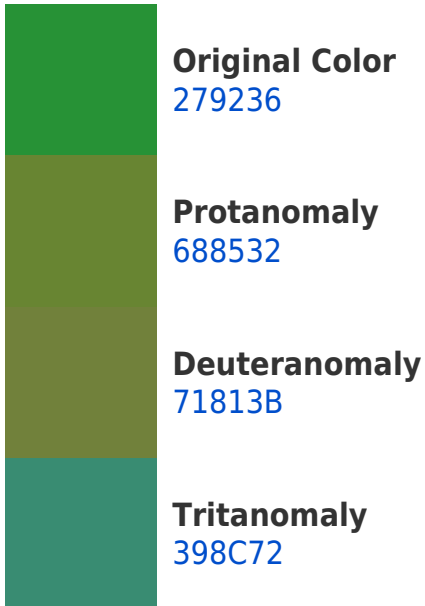
**Protanopia**  
8D7E30

**Deuteranopia**  
9C783E

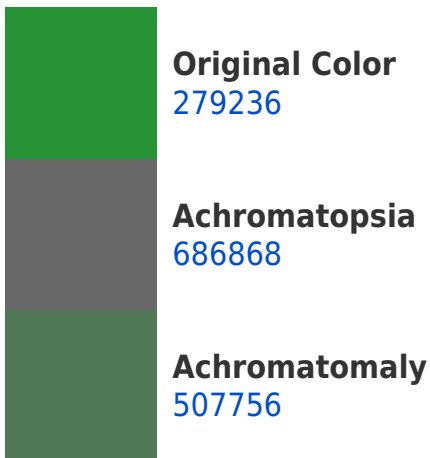


**Tritanopia**  
448994

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 279236 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 #279236 looks like.

```
.text, #text, p{  
    color:#279236  
}
```

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 #279236 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #279236
}
```

## Border

The CSS property to change the border of an element to Hex 279236 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
#279236 }
```

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

```
.border{ border-color:#279236 }
```

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

Here you see how a box with a 4 pixel #279236 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #279236; -webkit-box-shadow:4px 4px  
4px 4px #279236; box-shadow:4px 4px 4px  
4px #279236 }
```

# Background

The CSS property to change the background color of an element to Hex 279236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#279236 }
```

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

```
.background{ background-color:#279236 }
```

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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