

# Converting Colors

Hex(278162)

Have a look what the booklet for  
Hex(278162) contains.

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# Color

Hex(278162)

# Conversions

## Conversions Part 1

Format	Color
Hex	278162
RGB	39, 129, 98
RGB Percent	15%, 51%, 38%
CMY	0.8471, 0.4941, 0.6157
CMYK	0.70, 0.00, 0.24, 0.49
HSL	159°, 54%, 33%
HSV	159°, 70%, 51%
XYZ	10.8916, 17.0137, 14.2652
YIQ	98.5560, -43.6890, -28.7210

# Conversions

## Conversions Part 2

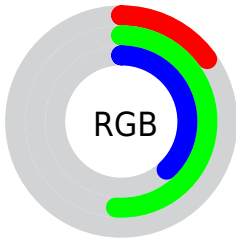
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 93, 129
Decimal	2589026
CIE <sub>Lab</sub>	48.28, -34.20, 9.24
CIE <sub>LCh</sub>	48, 35.426, 164.874
Yxy	17.0137, 0.2583, 0.4035
Android (android.graphics.Color)	4280779106 (0xFF278162)
YUV	98.5560, -0.2741, -52.2306
Hunter-Lab	41.2477, -25.0500, 8.3683

# Details

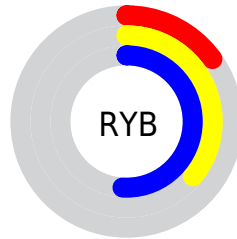
The Hex color **278162** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **812746**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **60B795**, and **004F34** is the 20% darker color. If you saturate the color by 10%, you get **1A815E**, and if you desaturate by 10%, it is **348166**.

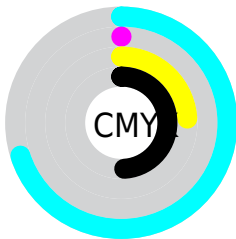
# Distribution



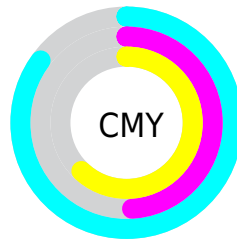
- Red (15%)
- Green (51%)
- Blue (38%)



- Red (15%)
- Yellow (36%)
- Blue (51%)



- Cyan (70%)
- Magenta (0%)
- Yellow (24%)
- Black (49%)



- Cyan (85%)
- Magenta (49%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 278162 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 278162 by changing the saturation by 10% instead.



 278162

 278162

FFFFFF

 00674A

 60B795

 004F34

 7CD2AF

 00371E

 97EFCB

 002306

 B4FFE7

 000000

 D0FFFF

 EDFFFF

 278162

 278162

 1A815E

 348166

■ 0D8159

■ 41816B

■ 008155

■ 4E816F

■ 5B8174

■ 688178

■ 74817D

■ 818181

■ 8E8186

■ 9B818A

# Harmonies

## Analogous

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



557D47



278162



008281

# Triad

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



278162



5D71AC



A5614A

# Complementary

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



278162



812746

# 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.



AC5A65



278162



88659D

# Square

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



278162



0F7AAC



A35C83



926C38

# Rectangle

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



278162



008194



A35C83



A95E52



# Sweetspot

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



278162



85A89C



468127



3F544D



D4D4D4



545454



# Same Dimension

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



278162



1BA878



277381



39403E



008054



000000



# Inverse Universe

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



812746



A81B4C



813527



40393C



80002C



000000



# Previews

## White Background



This preview shows how the Hex color 278162 looks on a white background.

## Color Contrast Check

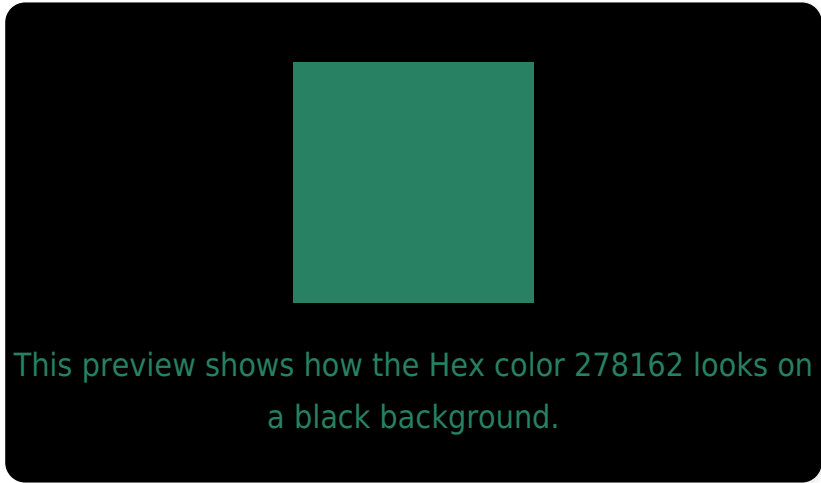
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

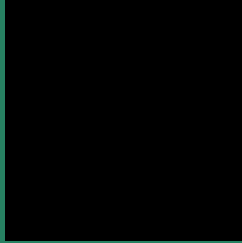
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 278162 Background



This preview shows how black text looks on a background with the Hex color 278162.

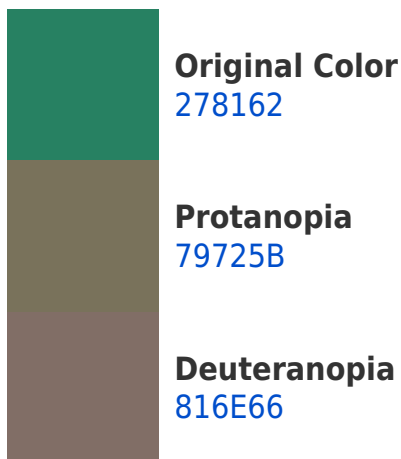



This preview shows how white text looks on a background with the Hex color 278162.

# 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**  
377C86

# Trichromacy



**Original Color**  
278162

**Protanomaly**  
5B775E

**Deuteranomaly**  
607565

**Tritanomaly**  
317E79

# Monochromacy



**Original Color**  
278162

**Achromatopsia**  
636363

**Achromatomaly**  
4D6E63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 278162 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 #278162 looks like.

```
.text, #text, p{  
    color:#278162  
}
```

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 #278162 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278162
}
```

## Border

The CSS property to change the border of an element to Hex 278162 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
#278162 }
```

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

```
.border{ border-color:#278162 }
```

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

Here you see how a box with a 4 pixel #278162 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278162; -webkit-box-shadow:4px 4px  
4px 4px #278162; box-shadow:4px 4px 4px  
4px #278162 }
```

# Background

The CSS property to change the background color of an element to Hex 278162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278162 }
```

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

```
.background{ background-color:#278162 }
```

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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