

# Converting Colors

Hex(278758)

Have a look what the booklet for  
Hex(278758) contains.

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# Color

Hex(278758)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	278758
RGB	39, 135, 88
RGB Percent	15%, 53%, 35%
CMY	0.8471, 0.4706, 0.6549
CMYK	0.71, 0.00, 0.35, 0.47
HSL	151°, 55%, 34%
HSV	151°, 71%, 53%
XYZ	11.2621, 18.4639, 12.2028
YIQ	100.9380, -42.1290, -34.9690

# Conversions

## Conversions Part 2

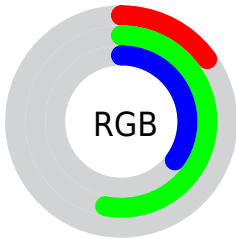
<b>Format</b>	<b>Color</b>
<b>RYB</b>	39, 103, 135
Decimal	2590552
CIELab	50.05, -39.13, 17.46
CIElCh	50, 42.851, 155.955
Yxy	18.4639, 0.2686, 0.4404
Android (android.graphics.Color)	4280780632 (0xFF278758)
YUV	100.9380, -6.3784, -54.3196
Hunter-Lab	42.9696, -28.4128, 13.2411

# Details

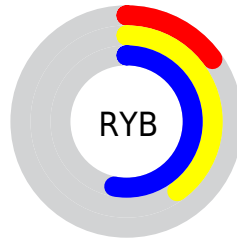
The Hex color **278758** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **872756**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **61BD8A**, and **00542A** is the 20% darker color. If you saturate the color by 10%, you get **1A8751**, and if you desaturate by 10%, it is **35875F**.

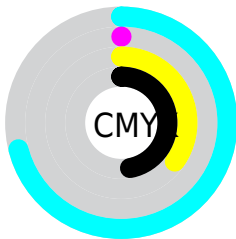
# Distribution



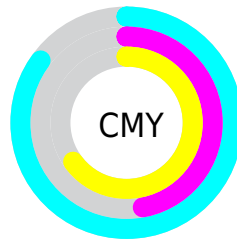
- Red (15%)
- Green (53%)
- Blue (35%)



- Red (15%)
- Yellow (40%)
- Blue (53%)



- Cyan (71%)
- Magenta (0%)
- Yellow (35%)
- Black (47%)



- Cyan (85%)
- Magenta (47%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 278758 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 278758 by changing the saturation by 10% instead.



 278758

 278758

FFFFFF

 006D40

 61BD8A

 00542A

 7DD9A5

 003C15

 99F6C0

 002700

 B5FFDC

 000000

 D2FFF8

 EFFFFFF

 278758

 278758

 1A8751

 35875F

■ 0C874B

■ 428765

■ 008745

■ 4F876C

■ 5D8772

■ 6B8779

■ 788780

■ 858786

■ 93878D

■ A18793

# Harmonies

## Analogous

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



5F8139



278758



00897D

# Triad

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



278758



4079C0



B75D4E

# Complementary

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



278758



872756

# 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.



BA5771



278758



836BB2

# Square

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



278758



0083B9



A95D95



A36A34

# Rectangle

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



278758



008996



A95D95



BA5A59



# Sweetspot

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



278758



8BB09E



578727



43594E



D9D9D9



595959



# Same Dimension

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



278758



1AB067



278787



3C423F



008242



000301



# Inverse Universe

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



872756



B01A64



872727



423C3F



820040



030001



# Previews

## White Background



This preview shows how the Hex color 278758 looks on a white background.

## Color Contrast Check

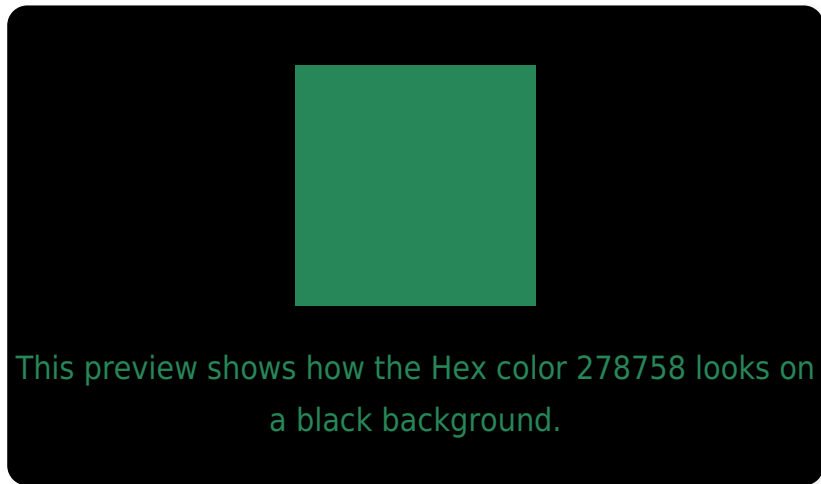
Large Text (above 18pt) WCAG AA ✓ Pass

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

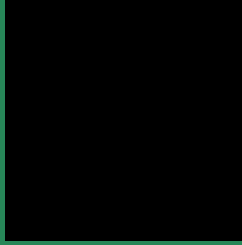
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 278758 Background



This preview shows how black text looks on a background with the Hex color 278758.

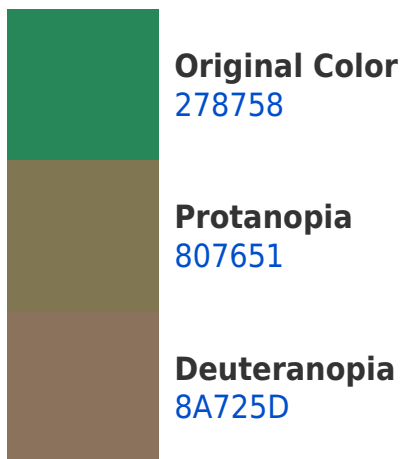


This preview shows how white text looks on a background with the Hex color 278758.

# 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**  
3B818B

# Trichromacy



**Original Color**  
278758



**Protanomaly**  
607C54



**Deuteranomaly**  
667A5B



**Tritanomaly**  
348378

# Monochromacy



**Original Color**  
278758



**Achromatopsia**  
656565



**Achromatomaly**  
4E7160

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 278758 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 #278758 looks like.

```
.text, #text, p{  
    color:#278758  
}
```

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 #278758 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278758
}
```

## Border

The CSS property to change the border of an element to Hex 278758 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
#278758 }
```

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

```
.border{ border-color:#278758 }
```

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

Here you see how a box with a 4 pixel #278758 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278758; -webkit-box-shadow:4px 4px  
4px 4px #278758; box-shadow:4px 4px 4px  
4px #278758 }
```

# Background

The CSS property to change the background color of an element to Hex 278758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278758 }
```

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

```
.background{ background-color:#278758 }
```

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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