

Converting Colors

Hex(278E60)

Have a look what the booklet for
Hex(278E60) contains.

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Color

Hex(278E60)

Conversions

Conversions Part 1

Format	Color
Hex	278E60
RGB	39, 142, 96
RGB Percent	15%, 56%, 38%
CMY	0.8471, 0.4431, 0.6235
CMYK	0.73, 0.00, 0.32, 0.44
HSL	153°, 57%, 35%
HSV	153°, 73%, 56%
XYZ	12.6210, 20.6219, 14.3816
YIQ	105.9590, -46.6220, -36.1420

Conversions

Conversions Part 2

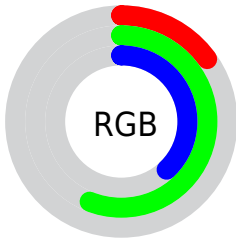
Format	Color
R_{YB}	39, 105, 142
Decimal	2592352
CIE _{Lab}	52.53, -40.31, 16.31
CIE _{LCh}	53, 43.487, 157.977
Yxy	20.6219, 0.2650, 0.4330
Android (android.graphics.Color)	4280782432 (0xFF278E60)
YUV	105.9590, -4.9098, -58.7230
Hunter-Lab	45.4113, -29.8598, 13.0110

Details

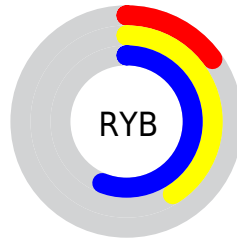
The Hex color **278E60** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8E2755**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **63C593**, and **005B31** is the 20% darker color. If you saturate the color by 10%, you get **198E5A**, and if you desaturate by 10%, it is **358E66**.

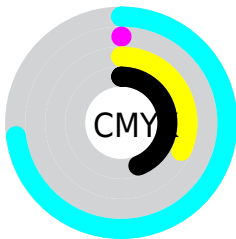
Distribution



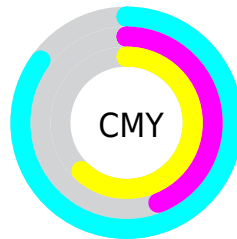
- Red (15%)
- Green (56%)
- Blue (38%)



- Red (15%)
- Yellow (41%)
- Blue (56%)



- Cyan (73%)
- Magenta (0%)
- Yellow (32%)
- Black (44%)



- Cyan (85%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 278E60 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 278E60 by changing the saturation by 10% instead.

 278E60

 278E60

FFFFFF

 007448

 63C593

 005B31

 7FE1AD

 00421C

 9BFEC9

 002C04

 B8FFE5

 001000

 D5FFFF

 000000

 F2FFFF

 278E60

 278E60

 198E5A

 358E66

■ 0B8E53

■ 438E6D

■ 008E4F

■ 528E73

■ 608E79

■ 6E8E80

■ 7C8E86

■ 8A8E8C

■ 998E93

■ A78E99

Harmonies

Analogous

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



618840



278E60



009086

Triad

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



278E60



4D7EC7



BE6451

Complementary

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



278E60



8E2755

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.



C35D75



278E60



8D70B8

Square

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



278E60



0089C2



B3629A



A97137

Rectangle

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



278E60



00909F



B3629A



C1605C

Sweetspot

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



278E60



8FB8A6



558E27



445C51



DBDBDB



5C5C5C

Same Dimension

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



278E60



18B870



27898E



404744



00874B



000804

Inverse Universe

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



8E2755



B8185F



8E2C27



474043



87003C



080003

Previews

White Background



This preview shows how the Hex color 278E60 looks on a white background.

Color Contrast Check

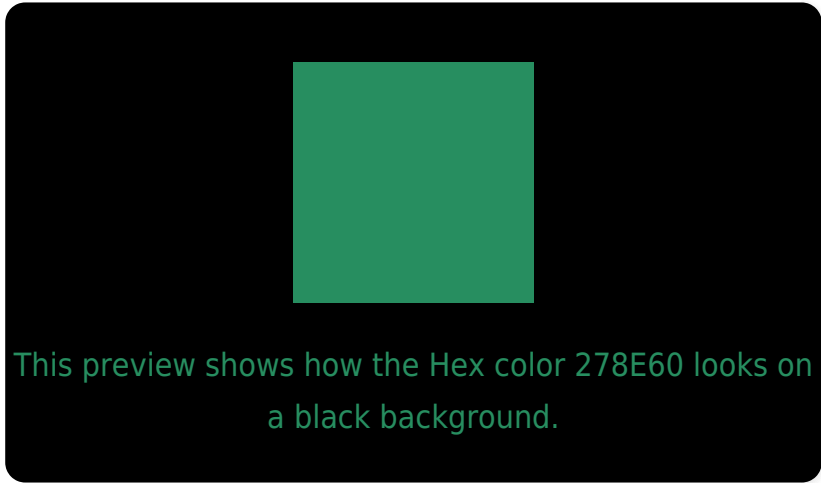
Large Text (above 18pt) WCAG AA ✓ Pass

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 278E60 Background



This preview shows how black text looks on a background with the Hex color 278E60.

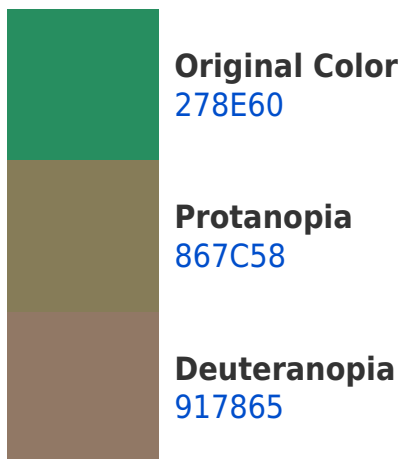



This preview shows how white text looks on a background with the Hex color 278E60.

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
3D8893

Trichromacy



Original Color
278E60



Protanomaly
63835B



Deuteranomaly
6A8063



Tritanomaly
358A80

Monochromacy



Original Color
278E60



Achromatopsia
6A6A6A



Achromatomaly
527766

CSS Examples

Text

The CSS property to change the color of the text to Hex 278E60 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 #278E60 looks like.

```
.text, #text, p{  
    color:#278E60  
}
```

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 #278E60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278E60
}
```

Border

The CSS property to change the border of an element to Hex 278E60 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
#278E60 }
```

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

```
.border{ border-color:#278E60 }
```

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

Here you see how a box with a 4 pixel #278E60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278E60; -webkit-box-shadow:4px 4px  
4px 4px #278E60; box-shadow:4px 4px 4px  
4px #278E60 }
```

Background

The CSS property to change the background color of an element to Hex 278E60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278E60 }
```

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

```
.background{ background-color:#278E60 }
```

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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