

Converting Colors

Hex(278B57)

Have a look what the booklet for
Hex(278B57) contains.

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Color

Hex(278B57)

Conversions

Conversions Part 1

Format	Color
Hex	278B57
RGB	39, 139, 87
RGB Percent	15%, 55%, 34%
CMY	0.8471, 0.4549, 0.6588
CMYK	0.72, 0.00, 0.37, 0.45
HSL	149°, 56%, 35%
HSV	149°, 72%, 55%
XYZ	11.7896, 19.5847, 12.1757
YIQ	103.1720, -42.9080, -37.3720

Conversions

Conversions Part 2

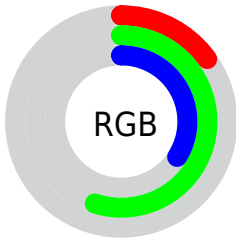
Format	Color
RYB	39, 107, 139
Decimal	2591575
CIELab	51.36, -41.01, 19.79
CIELCh	51, 45.531, 154.237
Yxy	19.5847, 0.2707, 0.4497
Android (android.graphics.Color)	4280781655 (0xFF278B57)
YUV	103.1720, -7.9728, -56.2788
Hunter-Lab	44.2546, -29.8924, 14.6659

Details

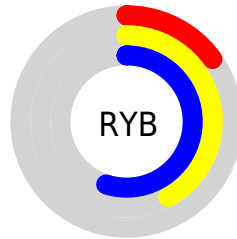
The Hex color **278B57** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8B275B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **62C189**, and **005829** is the 20% darker color. If you saturate the color by 10%, you get **198B50**, and if you desaturate by 10%, it is **358B5E**.

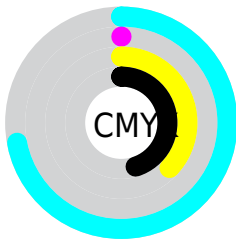
Distribution



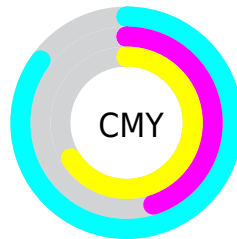
- Red (15%)
- Green (55%)
- Blue (34%)



- Red (15%)
- Yellow (42%)
- Blue (55%)



- Cyan (72%)
- Magenta (0%)
- Yellow (37%)
- Black (45%)



- Cyan (85%)
- Magenta (45%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 278B57 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 278B57 by changing the saturation by 10% instead.

 278B57

 278B57

FFFFFF

 00713F

 62C189

 005829

 7EDEA4

 003F13

 9AFABF

 002A00

 B6FFDB

 000900

 D3FFF7

 000000

 F1FFFF

 278B57

 278B57

 198B50

 358B5E

■ 0B8B49

■ 438B65

■ 008B43

■ 518B6D

■ 5F8B74

■ 6D8B7B

■ 7A8B82

■ 888B8A

■ 968B91

■ A48B98

Harmonies

Analogous

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



628536



278B57



008E7F

Triad

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



278B57



367DC8



BF5E51

Complementary

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



278B57



8B275B

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.



C15876



278B57



846EBB

Square

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



278B57



0087C0



AE5F9D



AB6C33

Rectangle

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



278B57



008D99



AE5F9D



C25A5D

Sweetspot

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



278B57



8DB5A0



5C8B27



445C4F



DBDBDB



5C5C5C

Same Dimension

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



278B57



19B564



278B88



3E4541



008540



000502

Inverse Universe

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



8B275B



B5196A



8B272A



453E42



850045



050003

Previews

White Background



This preview shows how the Hex color 278B57 looks on a white background.

Color Contrast Check

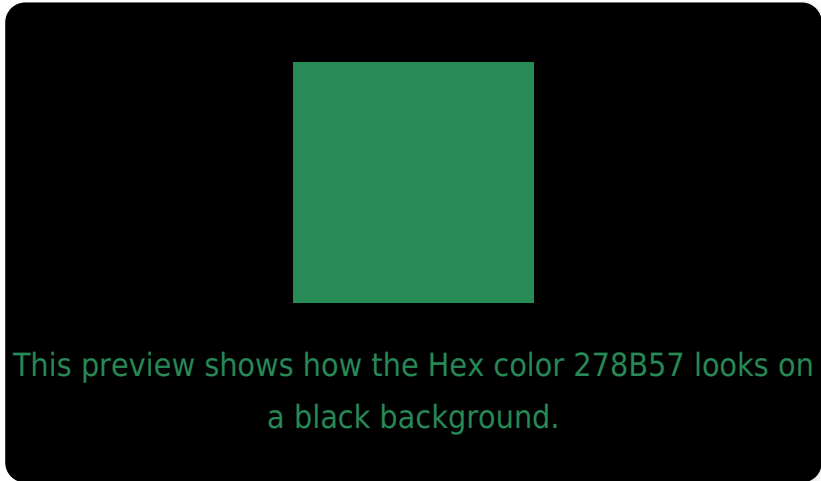
Large Text (above 18pt) WCAG AA ✓ Pass

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

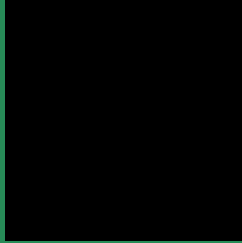
Any Text WCAG AA ✓ Pass

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 278B57 Background



This preview shows how black text looks on a background with the Hex color 278B57.



This preview shows how white text looks on a background with the Hex color 278B57.

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
278B57

Protanopia
847A50

Deuteranopia
8F755C



Tritanopia
3D848F

Trichromacy



Original Color
278B57



Protanomaly
628053



Deuteranomaly
697D5A



Tritanomaly
35877B

Monochromacy



Original Color
278B57



Achromatopsia
676767



Achromatomaly
507461

CSS Examples

Text

The CSS property to change the color of the text to Hex 278B57 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 #278B57 looks like.

```
.text, #text, p{  
    color:#278B57  
}
```

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 #278B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278B57  
}
```

Border

The CSS property to change the border of an element to Hex 278B57 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  
#278B57 }
```

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

```
.border{ border-color:#278B57 }
```

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

Here you see how a box with a 4 pixel #278B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278B57; -webkit-box-shadow:4px 4px  
4px 4px #278B57; box-shadow:4px 4px 4px  
4px #278B57 }
```

Background

The CSS property to change the background color of an element to Hex 278B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278B57 }
```

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

```
.background{ background-color:#278B57 }
```

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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