

Converting Colors

Hex(278314)

Have a look what the booklet for
Hex(278314) contains.

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Color

Hex(278314)

Conversions

Conversions Part 1

Format	Color
Hex	278314
RGB	39, 131, 20
RGB Percent	15%, 51%, 8%
CMY	0.8471, 0.4863, 0.9216
CMYK	0.70, 0.00, 0.85, 0.49
HSL	110°, 74%, 30%
HSV	110°, 85%, 51%
XYZ	9.0793, 16.7144, 3.4095
YIQ	90.8380, -19.2010, -54.0250

Conversions

Conversions Part 2

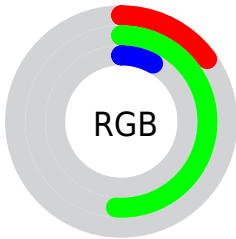
Format	Color
R_{YB}	20, 131, 112
Decimal	2589460
CIE Lab	47.90, -46.86, 47.13
CIE LCh	48, 66.461, 134.835
Yxy	16.7144, 0.3109, 0.5723
Android (android.graphics.Color)	4280779540 (0xFF278314)
YUV	90.8380, -34.9231, -45.4619
Hunter-Lab	40.8833, -31.9049, 23.6738

Details

The Hex color **278314** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **701483**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **63B94B**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **1C8307**, and if you desaturate by 10%, it is **328321**.

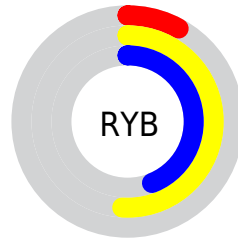
Distribution



Red (15%)

Green (51%)

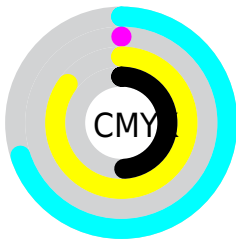
Blue (8%)



Red (8%)

Yellow (51%)

Blue (44%)

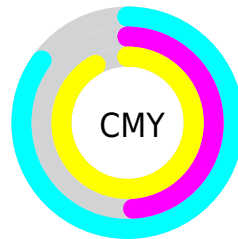


Cyan (70%)

Magenta (0%)

Yellow (85%)

Black (49%)



Cyan (85%)

Magenta (49%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 278314 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 278314 by changing the saturation by 10% instead.



278314



278314

FFFFFF



006900



63B94B



005000



7FD564



003800



9BF27F



002300



B8FF9A



000000



D5FFB5



F2FFD2



FFFFEE



278314



278314

■ 1C8307

■ 328321

■ 168300

■ 3D832E

■ 48833B

■ 528348

■ 5D8356

■ 688363

■ 738370

■ 7E837D

■ 89838A

Harmonies

Analogous

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



707800



278314



008952

Triad

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



278314



0080DF



D33059

Complementary

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



278314



701483

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.



C63691



278314



006FDF

Square

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



278314



0088C0



9654C2



C44A23

Rectangle

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



278314



008A7A



9654C2



D32D6B

Sweetspot

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



278314



87AB80



836F14



41573D



D6D6D6



575757

Same Dimension

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



278314



1DAB00



148337



3D423C



168200



000300

Inverse Universe

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



701483



8E00AB



831460



413C42



6C0082



020003

Previews

White Background



This preview shows how the Hex color 278314 looks on a white background.

Color Contrast Check

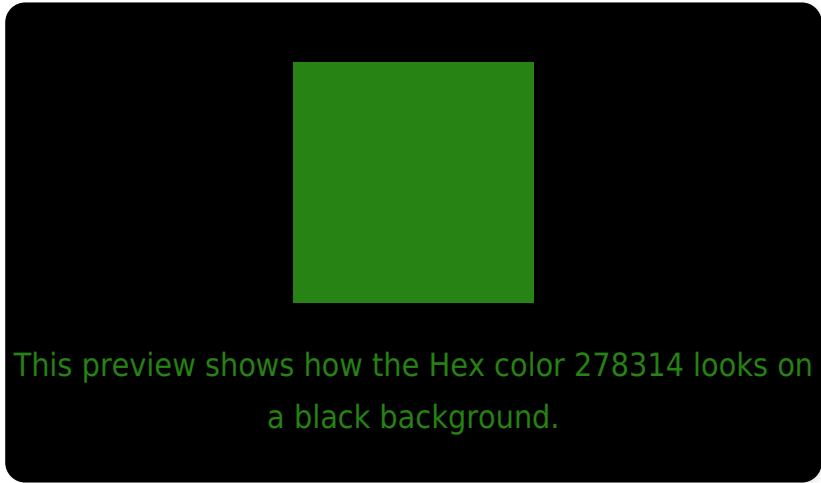
Large Text (above 18pt) WCAG AA ✓ Pass

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

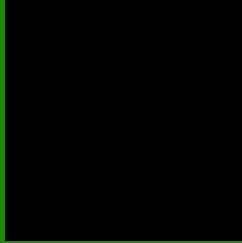
Any Text WCAG AA × Fail

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 278314 Background



This preview shows how black text looks on a background with the Hex color 278314.



This preview shows how white text looks on a background with the Hex color 278314.

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
278314

Protanopia
7F710F

Deuteranopia
8E6B22



Tritanopia
417A84

Trichromacy



Original Color
278314

Protanomaly
5F7811

Deuteranomaly
69741D

Tritanomaly
387D5B

Monochromacy



Original Color
278314

Achromatopsia
5B5B5B

Achromatomaly
486A41

CSS Examples

Text

The CSS property to change the color of the text to Hex 278314 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 #278314 looks like.

```
.text, #text, p{  
    color:#278314  
}
```

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 #278314 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278314
}
```

Border

The CSS property to change the border of an element to Hex 278314 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".

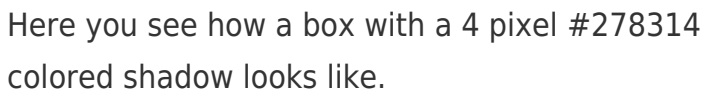
```
.border, #border, table{ border:4px solid
#278314 }
```

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

```
.border{ border-color:#278314 }
```

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

Here you see how a box with a 4 pixel #278314 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278314; -webkit-box-shadow:4px 4px  
4px 4px #278314; box-shadow:4px 4px 4px  
4px #278314 }
```

Background

The CSS property to change the background color of an element to Hex 278314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278314 }
```

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

```
.background{ background-color:#278314 }
```

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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