

Converting Colors

Hex(298226)

Have a look what the booklet for
Hex(298226) contains.

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Color

Hex(298226)

Conversions

Conversions Part 1

Format	Color
Hex	298226
RGB	41, 130, 38
RGB Percent	16%, 51%, 15%
CMY	0.8392, 0.4902, 0.8510
CMYK	0.68, 0.00, 0.71, 0.49
HSL	118°, 55%, 33%
HSV	118°, 71%, 51%
XYZ	9.2469, 16.5766, 4.5460
YIQ	92.9010, -23.5120, -47.4800

Conversions

Conversions Part 2

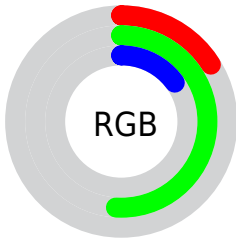
Format	Color
R_{YB}	38, 130, 127
Decimal	2720294
CIE _{Lab}	47.72, -44.70, 40.48
CIE _{LCh}	48, 60.309, 137.835
Yxy	16.5766, 0.3045, 0.5458
Android (android.graphics.Color)	4280910374 (0xFF298226)
YUV	92.9010, -27.0662, -45.5172
Hunter-Lab	40.7144, -30.7098, 21.8801

Details

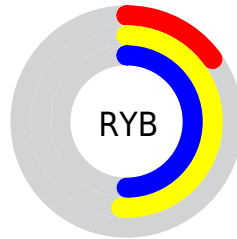
The Hex color **298226** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7F2682**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **63B858**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **1C8219**, and if you desaturate by 10%, it is **368233**.

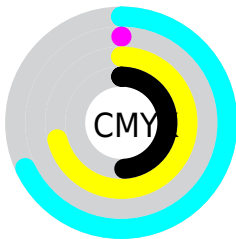
Distribution



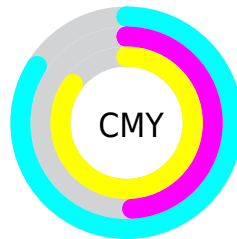
- Red (16%)
- Green (51%)
- Blue (15%)



- Red (15%)
- Yellow (51%)
- Blue (50%)



- Cyan (68%)
- Magenta (0%)
- Yellow (71%)
- Black (49%)



- Cyan (84%)
- Magenta (49%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 298226 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 298226 by changing the saturation by 10% instead.

 298226

 298226

FFFFFF

 00680A

 63B858

 004F00

 7FD472

 003700

 9BF18C

 002200

 B7FFA7

 000000

 D4FFC3

 F1FFDF

 FFFFFC

 298226

 298226

■ 1C8219

■ 368233

■ 10820C

■ 428240

■ 048200

■ 4F824D

■ 5B825A

■ 688267

■ 748274

■ 818281

■ 8E828E

■ 9A829B

Harmonies

Analogous

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



6C7800



298226



00875A

Triad

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



298226



007DD5



CB3C55

Complementary

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



298226



7F2682

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.



C13E88



298226



3E6DD3

Square

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



298226



0086BC



9955B6



BB5126

Rectangle

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



298226



00887E



9955B6



CB3966

Sweetspot

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



298226



86A885



827F26



40543F



D4D4D4



545454

Same Dimension

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



298226



1EA819



268251



3A4039



048000



000000

Inverse Universe

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



7F2682



A419A8



822657



403940



7B0080



000000

Previews

White Background



This preview shows how the Hex color 298226 looks on a white background.

Color Contrast Check

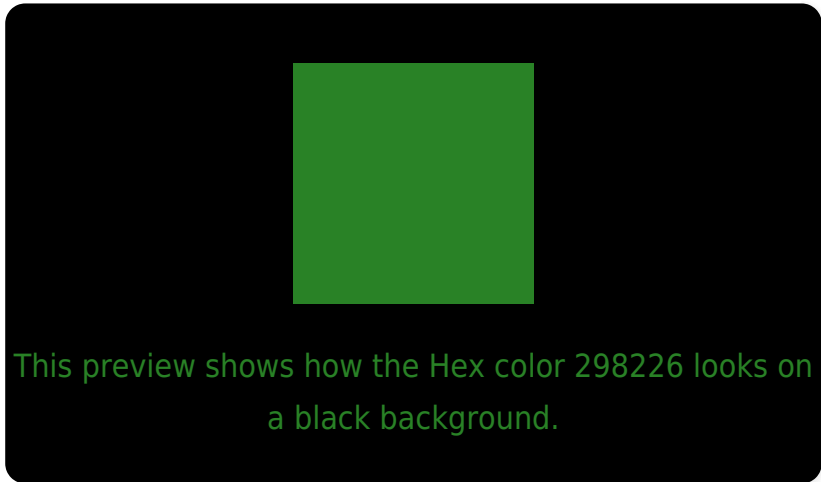
Large Text (above 18pt) WCAG AA ✓ Pass

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

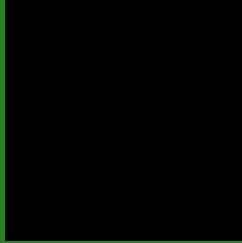
Any Text WCAG AA × Fail

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 298226 Background



This preview shows how black text looks on a background with the Hex color 298226.



This preview shows how white text looks on a background with the Hex color 298226.

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
298226

Protanopia
7E7121

Deuteranopia
8C6B2E



Tritanopia
417983

Trichromacy



Original Color
298226



Protanomaly
5F7723



Deuteranomaly
68732B

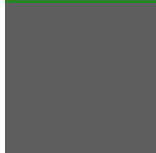


Tritanomaly
387C61

Monochromacy



Original Color
298226



Achromatopsia
5D5D5D



Achromatomaly
4A6A49

CSS Examples

Text

The CSS property to change the color of the text to Hex 298226 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 #298226 looks like.

```
.text, #text, p{  
    color:#298226  
}
```

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 #298226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #298226
}
```

Border

The CSS property to change the border of an element to Hex 298226 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
#298226 }
```

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

```
.border{ border-color:#298226 }
```

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

Here you see how a box with a 4 pixel #298226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #298226; -webkit-box-shadow:4px 4px  
4px 4px #298226; box-shadow:4px 4px 4px  
4px #298226 }
```

Background

The CSS property to change the background color of an element to Hex 298226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#298226 }
```

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

```
.background{ background-color:#298226 }
```

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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