

Converting Colors

Hex(288132)

Have a look what the booklet for
Hex(288132) contains.

| | |
|--|----|
| Hex(288132) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(288132)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 288132 |
| RGB | 40, 129, 50 |
| RGB Percent | 16%, 51%, 20% |
| CMY | 0.8431, 0.4941, 0.8039 |
| CMYK | 0.69, 0.00, 0.61, 0.49 |
| HSL | 127°, 53%, 33% |
| HSV | 127°, 69%, 51% |
| XYZ | 9.3011, 16.3819, 5.6894 |
| YIQ | 93.3830, -27.6850, -43.4370 |

Conversions

Conversions Part 2

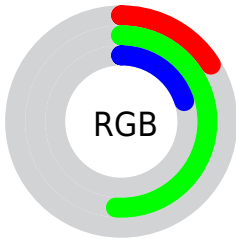
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 40, 120, 129 |
| Decimal | 2654514 |
| CIELab | 47.47, -43.17, 34.66 |
| CIElCh | 47, 55.368, 141.241 |
| Yxy | 16.3819, 0.2965, 0.5222 |
| Android (android.graphics.Color) | 4280844594 (0xFF288132) |
| YUV | 93.3830, -21.3878, -46.8169 |
| Hunter-Lab | 40.4746, -29.8113, 19.9979 |

Details

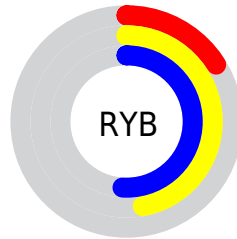
The Hex color **288132** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **812877**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **61B763**, and **004E00** is the 20% darker color. If you saturate the color by 10%, you get **1B8127**, and if you desaturate by 10%, it is **35813D**.

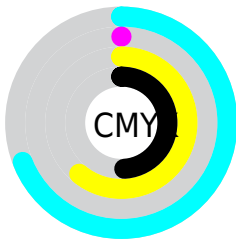
Distribution



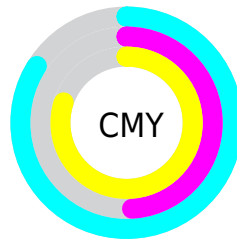
- Red (16%)
- Green (51%)
- Blue (20%)



- Red (16%)
- Yellow (47%)
- Blue (51%)



- Cyan (69%)
- Magenta (0%)
- Yellow (61%)
- Black (49%)



- Cyan (84%)
- Magenta (49%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 288132 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 288132 by changing the saturation by 10% instead.

 288132

 288132

FFFFFF

 00671A

 61B763

 004E00

 7DD37D

 003600

 99EF97

 002100

 B5FFB2

 000000

 D2FFCE

 EFFFEB

 288132

 288132

 1B8127

 35813D

■ 0E811B

■ 428149

■ 018110

■ 4F8154

■ 00810E

■ 5C8160

■ 69816B

■ 758177

■ 828182

■ 8F818E

■ 9C8199

Harmonies

Analogous

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



677804



288132



008561

Triad

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



288132



007ACD



C34452

Complementary

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



288132



812877

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.



BD4380



288132



546AC8

Square

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



288132



0083B9



9B55AC



B35628

Rectangle

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



288132



008681



9B55AC



C44161

Sweetspot

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



288132



85A889



788128



3F5441



D4D4D4



545454

Same Dimension

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



288132



1DA82C



28815D



39403A



00800E



000000

Inverse Universe

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



812877



A81D99



81284C



40393F



800071



000000

Previews

White Background



This preview shows how the Hex color 288132 looks on a white background.

Color Contrast Check

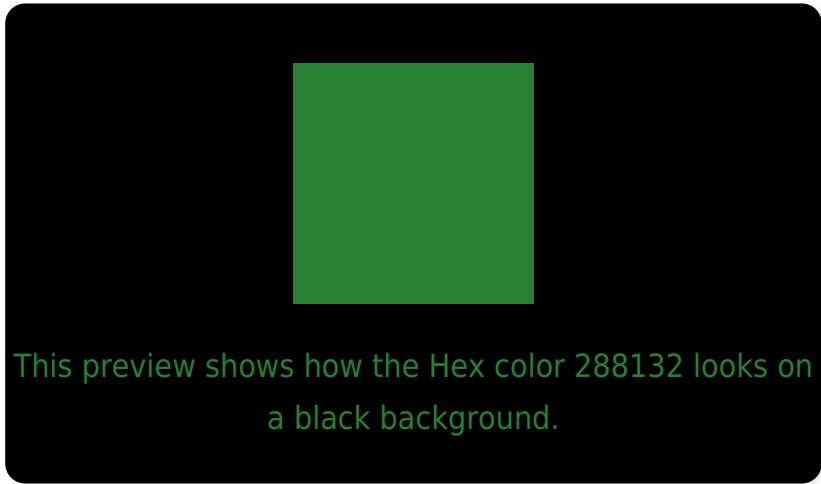
Large Text (above 18pt) WCAG AA ✓ Pass

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 288132 Background



This preview shows how black text looks on a background with the Hex color 288132.



This preview shows how white text looks on a background with the Hex color 288132.

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
288132

Protanopia
7D702D

Deuteranopia
8A6B39



Tritanopia
3F7983

Trichromacy



Original Color
288132

Protanomaly
5E762F

Deuteranomaly
667336

Tritanomaly
377C66

Monochromacy



Original Color
288132

Achromatopsia
5D5D5D

Achromatomaly
4A6A4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 288132 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 #288132 looks like.

```
.text, #text, p{  
    color:#288132  
}
```

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 #288132 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #288132
}
```

Border

The CSS property to change the border of an element to Hex 288132 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
#288132 }
```

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

```
.border{ border-color:#288132 }
```

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

Here you see how a box with a 4 pixel #288132 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #288132; -webkit-box-shadow:4px 4px  
4px 4px #288132; box-shadow:4px 4px 4px  
4px #288132 }
```

Background

The CSS property to change the background color of an element to Hex 288132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#288132 }
```

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

```
.background{ background-color:#288132 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor