

Converting Colors

Hex(287A4C)

Have a look what the booklet for
Hex(287A4C) contains.

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Color

Hex(287A4C)

Conversions

Conversions Part 1

Format	Color
Hex	287A4C
RGB	40, 122, 76
RGB Percent	16%, 48%, 30%
CMY	0.8431, 0.5216, 0.7020
CMYK	0.67, 0.00, 0.38, 0.52
HSL	146°, 51%, 32%
HSV	146°, 67%, 48%
XYZ	9.1391, 14.8920, 9.2302
YIQ	92.2380, -34.1060, -31.6900

Conversions

Conversions Part 2

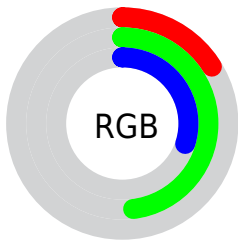
Format	Color
RYB	40, 97, 122
Decimal	2652748
CIELab	45.49, -35.96, 18.15
CIElCh	45, 40.282, 153.216
Yxy	14.8920, 0.2748, 0.4477
Android (android.graphics.Color)	4280842828 (0xFF287A4C)
YUV	92.2380, -8.0053, -45.8127
Hunter-Lab	38.5901, -25.2595, 12.8317

Details

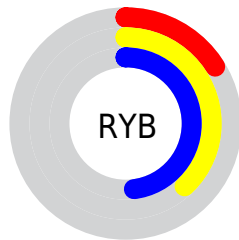
The Hex color **287A4C** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7A2856**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5FAF7D**, and **00481F** is the 20% darker color. If you saturate the color by 10%, you get **1C7A45**, and if you desaturate by 10%, it is **347A53**.

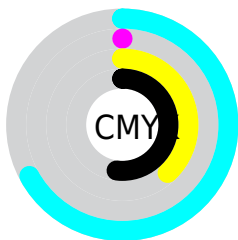
Distribution



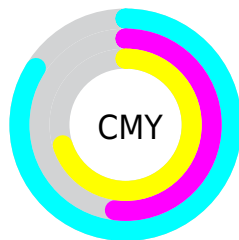
- Red (16%)
- Green (48%)
- Blue (30%)



- Red (16%)
- Yellow (38%)
- Blue (48%)



- Cyan (67%)
- Magenta (0%)
- Yellow (38%)
- Black (52%)



- Cyan (84%)
- Magenta (52%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287A4C 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 287A4C by changing the saturation by 10% instead.

 287A4C

 287A4C

FFFFFF

 016135

 5FAF7D

 00481F

 7ACB97

 003109

 96E7B2

 001C00

 B2FFCE

 000000

 CEFFEA

 EBFFFF

 287A4C

 287A4C

 1C7A45

 347A53

■ 107A3E

■ 407A5A

■ 037A37

■ 4D7A61

■ 007A36

■ 597A67

■ 657A6E

■ 717A75

■ 7D7A7C

■ 8A7A83

■ 967A8A

Harmonies

Analogous

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



597430



287A4C



007C6E

Triad

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



287A4C



306EAF



A75349

Complementary

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



287A4C



7A2856

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.



A94E69



287A4C



7261A4

Square

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



287A4C



0077A7



98548B



975F2F

Rectangle

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



287A4C



007C85



98548B



AA5053

Sweetspot

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



287A4C



7E9E8C



567A28



3C4F44



CFCFCF



4F4F4F

Same Dimension

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



287A4C



1E9E56



287A75



373D3A



007D37



00FC6F

Inverse Universe

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



7A2856



9E1E66



7A282D



3D373B



7D0046



FC008E

Previews

White Background



This preview shows how the Hex color 287A4C looks on a white background.

Color Contrast Check

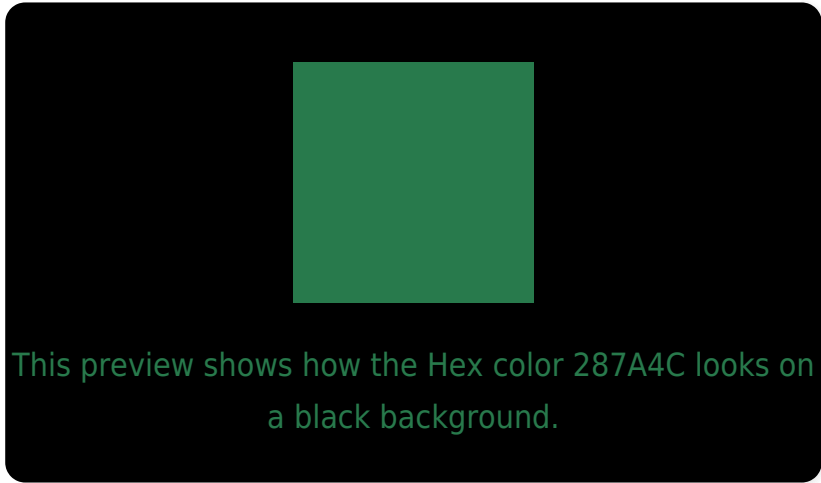
Large Text (above 18pt) WCAG AA ✓ Pass

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 287A4C Background



This preview shows how black text looks on a background with the Hex color 287A4C.



This preview shows how white text looks on a background with the Hex color 287A4C.

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
287A4C

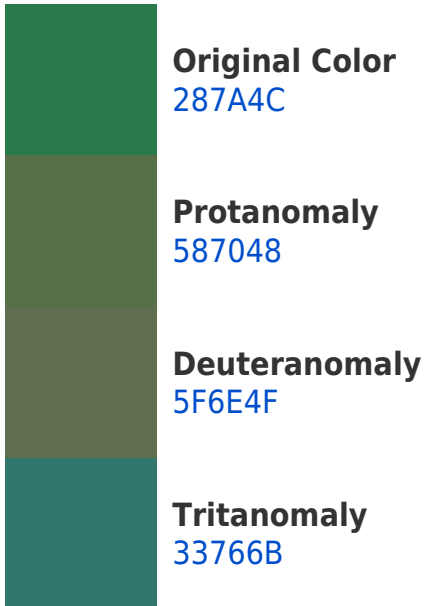
Protanopia
746B46

Deuteranopia
7E6750

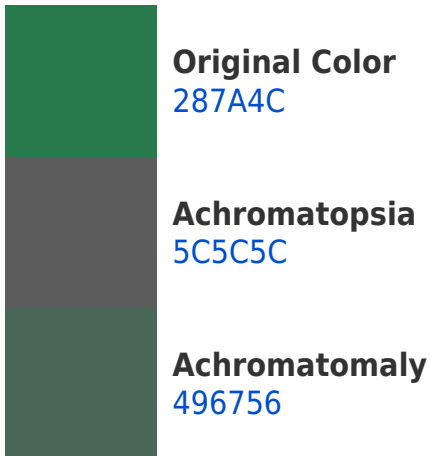


Tritanopia
39747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 287A4C 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 #287A4C looks like.

```
.text, #text, p{  
    color:#287A4C  
}
```

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 #287A4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287A4C
}
```

Border

The CSS property to change the border of an element to Hex 287A4C 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
#287A4C }
```

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

```
.border{ border-color:#287A4C }
```

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

Here you see how a box with a 4 pixel #287A4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287A4C; -webkit-box-shadow:4px 4px  
4px 4px #287A4C; box-shadow:4px 4px 4px  
4px #287A4C }
```

Background

The CSS property to change the background color of an element to Hex 287A4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287A4C }
```

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

```
.background{ background-color:#287A4C }
```

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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