

Converting Colors

Hex(287048)

Have a look what the booklet for
Hex(287048) contains.

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Color

Hex(287048)

Conversions

Conversions Part 1

Format	Color
Hex	287048
RGB	40, 112, 72
RGB Percent	16%, 44%, 28%
CMY	0.8431, 0.5608, 0.7176
CMYK	0.64, 0.00, 0.36, 0.56
HSL	147°, 47%, 30%
HSV	147°, 64%, 44%
XYZ	7.8389, 12.5073, 8.1319
YIQ	85.9120, -30.0720, -27.7040

Conversions

Conversions Part 2

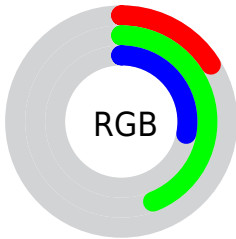
Format	Color
RYB	40, 90, 112
Decimal	2650184
CIELab	42.01, -32.41, 15.79
CIELCh	42, 36.051, 154.016
Yxy	12.5073, 0.2753, 0.4392
Android (android.graphics.Color)	4280840264 (0xFF287048)
YUV	85.9120, -6.8586, -40.2648
Hunter-Lab	35.3657, -22.3248, 11.1230

Details

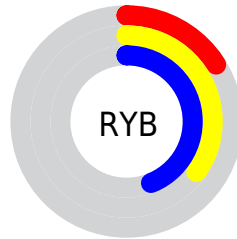
The Hex color **287048** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **702850**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **5DA479**, and **003F1C** is the 20% darker color. If you saturate the color by 10%, you get **1D7042**, and if you desaturate by 10%, it is **33704E**.

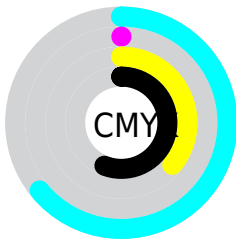
Distribution



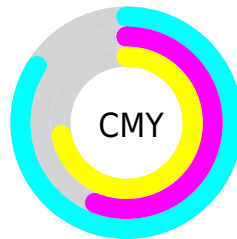
- Red (16%)
- Green (44%)
- Blue (28%)



- Red (16%)
- Yellow (35%)
- Blue (44%)



- Cyan (64%)
- Magenta (0%)
- Yellow (36%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 287048 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 287048 by changing the saturation by 10% instead.

 287048

 287048

FFFFFF

 055731

 5DA479

 003F1C

 78C093

 002903

 93DCAD

 000D00

 AEF9C9

 000000

 CBFFE5

 E7FFFF

 287048

 287048

 1D7042

 33704E

■ 12703C

■ 3E7054

■ 067035

■ 4A705B

■ 007032

■ 557061

■ 607067

■ 6B706D

■ 767074

■ 82707A

■ 8D7080

Harmonies

Analogous

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



526B30



287048



007266

Triad

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



287048



34659E



984E44

Complementary

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



287048



702850

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.



9A4960



287048



6A5A94

Square

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



287048



006D98



8B4F7E



89582E

Rectangle

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



287048



00727A



8B4F7E



9A4B4D

Sweetspot

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



287048



769182



517028



394A41



C9C9C9



4A4A4A

Same Dimension

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



287048



219153



28706B



323835



007835



00F76E

Inverse Universe

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



702850



912160



70282D



383236



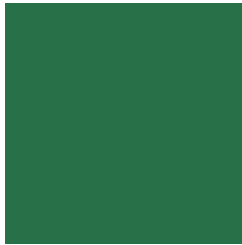
780043



F70089

Previews

White Background



This preview shows how the Hex color 287048 looks on a white background.

Color Contrast Check

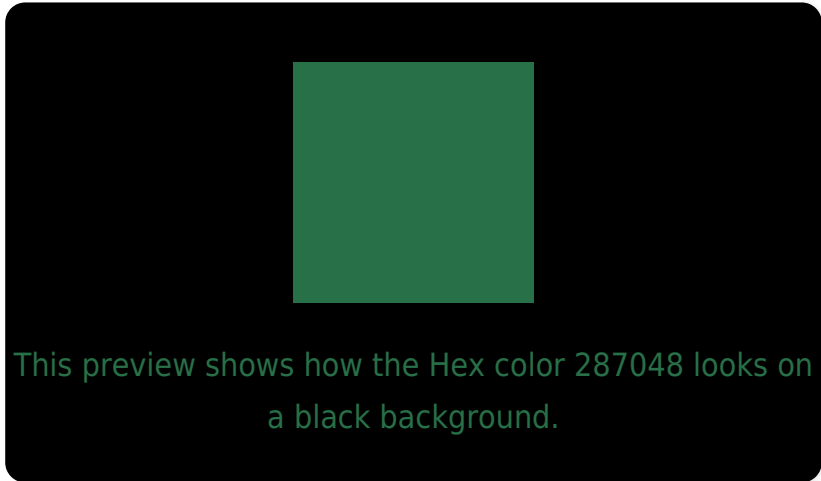
Large Text (above 18pt) WCAG AA ✓ Pass

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

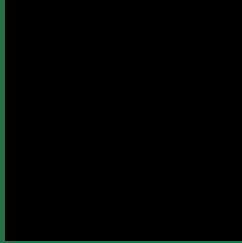
Any Text WCAG AA × Fail

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 287048 Background



This preview shows how black text looks on a background with the Hex color 287048.



This preview shows how white text looks on a background with the Hex color 287048.

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
287048

Protanopia
6B6342

Deuteranopia
745F4C



Tritanopia
366B73

Trichromacy



Original Color
287048

Protanomaly
536844

Deuteranomaly
58654B

Tritanomaly
316D63

Monochromacy



Original Color
287048

Achromatopsia
565656

Achromatomaly
455F51

CSS Examples

Text

The CSS property to change the color of the text to Hex 287048 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 #287048 looks like.

```
.text, #text, p{  
    color:#287048  
}
```

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 #287048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #287048
}
```

Border

The CSS property to change the border of an element to Hex 287048 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
#287048 }
```

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

```
.border{ border-color:#287048 }
```

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

Here you see how a box with a 4 pixel #287048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #287048; -webkit-box-shadow:4px 4px  
4px 4px #287048; box-shadow:4px 4px 4px  
4px #287048 }
```

Background

The CSS property to change the background color of an element to Hex 287048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#287048 }
```

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

```
.background{ background-color:#287048 }
```

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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