

Converting Colors

Hex(297036)

Have a look what the booklet for
Hex(297036) contains.

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Color

Hex(297036)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 297036 |
| RGB | 41, 112, 54 |
| RGB Percent | 16%, 44%, 21% |
| CMY | 0.8392, 0.5608, 0.7882 |
| CMYK | 0.63, 0.00, 0.52, 0.56 |
| HSL | 131°, 46%, 30% |
| HSV | 131°, 63%, 44% |
| XYZ | 7.3745, 12.3261, 5.4805 |
| YIQ | 84.1590, -23.6980, -33.0900 |

Conversions

Conversions Part 2

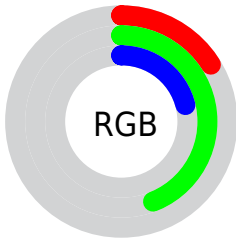
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 41, 101, 112 |
| Decimal | 2715702 |
| CIELab | 41.73, -35.58, 25.69 |
| CIELCh | 42, 43.885, 144.169 |
| Yxy | 12.3261, 0.2929, 0.4895 |
| Android (android.graphics.Color) | 4280905782 (0xFF297036) |
| YUV | 84.1590, -14.8684, -37.8504 |
| Hunter-Lab | 35.1085, -23.9464, 15.3207 |

Details

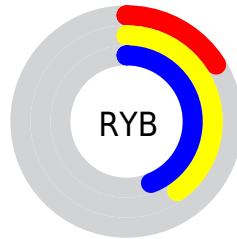
The Hex color **297036** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **702963**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5EA466**, and **003F08** is the 20% darker color. If you saturate the color by 10%, you get **1E702D**, and if you desaturate by 10%, it is **34703F**.

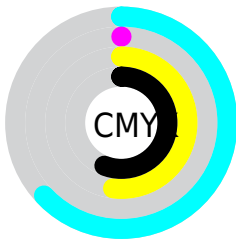
Distribution



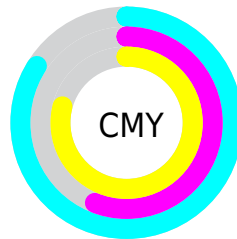
- Red (16%)
- Green (44%)
- Blue (21%)



- Red (16%)
- Yellow (40%)
- Blue (44%)



- Cyan (63%)
- Magenta (0%)
- Yellow (52%)
- Black (56%)



- Cyan (84%)
- Magenta (56%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297036 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 297036 by changing the saturation by 10% instead.

 297036

 297036

FFFFFF

 07571F

 5EA466

 003F08

 79C07F

 002900

 94DC9A

 000C00

 B0F9B5

 000000

 CCFFD0

 E9FFED

 297036

 297036

 1E702D

 34703F

■ 137024

■ 3F7048

■ 07701B

■ 4B7051

■ 007015

■ 56705B

■ 617064

■ 6C706D

■ 777076

■ 83707F

■ 8E7088

Harmonies

Analogous

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



59691A



297036



00735A

Triad

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



297036



0069AA



A34347

Complementary

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



297036



702963

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.



A0416B



297036



565CA5

Square

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



297036



00709C



874C8D



955028

Rectangle

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



297036



007473



874C8D



A44153

Sweetspot

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



297036



76917B



647029



394A3C



C9C9C9



4A4A4A

Same Dimension

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



297036



239137



297058



323834



007816



00F72D

Inverse Universe

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



702963



91237D



702941



383237



780062



F700CA

Previews

White Background



This preview shows how the Hex color 297036 looks on a white background.

Color Contrast Check

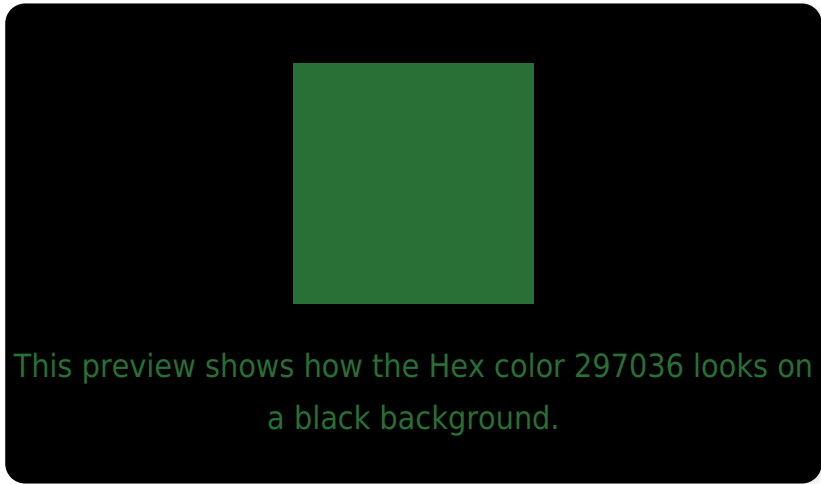
Large Text (above 18pt) WCAG AA ✓ Pass

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

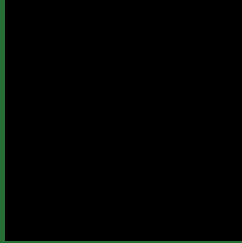
Any Text WCAG AA × Fail

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 297036 Background



This preview shows how black text looks on a background with the Hex color 297036.



This preview shows how white text looks on a background with the Hex color 297036.

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
297036

Protanopia
6C6231

Deuteranopia
775E3B



Tritanopia
3A6972

Trichromacy



Original Color
297036

Protanomaly
546733

Deuteranomaly
5B6539

Tritanomaly
346C5C

Monochromacy



Original Color
297036

Achromatopsia
545454

Achromatomaly
445E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 297036 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 #297036 looks like.

```
.text, #text, p{  
    color:#297036  
}
```

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 #297036 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297036
}
```

Border

The CSS property to change the border of an element to Hex 297036 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
#297036 }
```

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

```
.border{ border-color:#297036 }
```

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

Here you see how a box with a 4 pixel #297036 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297036; -webkit-box-shadow:4px 4px  
4px 4px #297036; box-shadow:4px 4px 4px  
4px #297036 }
```

Background

The CSS property to change the background color of an element to Hex 297036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297036 }
```

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

```
.background{ background-color:#297036 }
```

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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