

Converting Colors

Decimal(2971676)

Have a look what the booklet for
Decimal(2971676) contains.

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Color

Decimal(2971676)

Conversions

Conversions Part 1

Format	Color
Hex	2D581C
RGB	45, 88, 28
RGB Percent	18%, 35%, 11%
CMY	0.8235, 0.6549, 0.8902
CMYK	0.49, 0.00, 0.68, 0.65
HSL	103°, 52%, 23%
HSV	103°, 68%, 35%
XYZ	4.7815, 7.6212, 2.3176
YIQ	68.3030, -6.3680, -27.7760

Conversions

Conversions Part 2

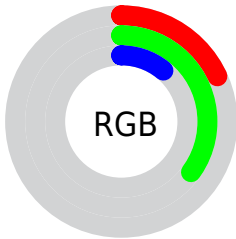
Format	Color
RYB	28, 88, 71
Decimal	2971676
CIELab	33.18, -27.41, 29.37
CIELCh	33, 40.172, 133.025
Yxy	7.6212, 0.3248, 0.5177
Android (android.graphics.Color)	4281161756 (0xFF2D581C)
YUV	68.3030, -19.8694, -20.4367
Hunter-Lab	27.6065, -17.3947, 14.3470

Details

The Decimal color **2971676** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4660312**, and the grayscale version is **4473924**.

A 20% lighter version of the original color is **6261323**, and **10752** is the 20% darker color. If you saturate the color by 10%, you get **2578451**, and if you desaturate by 10%, it is **3364901**.

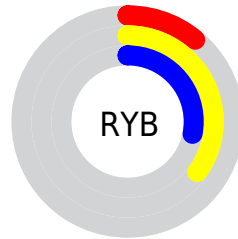
Distribution



Red (18%)

Green (35%)

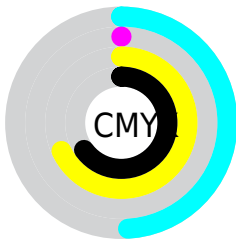
Blue (11%)



Red (11%)

Yellow (35%)

Blue (28%)

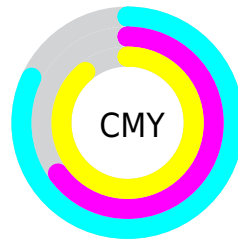


Cyan (49%)

Magenta (0%)

Yellow (68%)

Black (65%)



Cyan (82%)

Magenta (65%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2971676 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 Decimal color 2971676 by changing the saturation by 10% instead.

■ 2971676

■ 2971676

16777215

■ 1327108

■ 6261323

■ 10752

■ 7972195

■ 4864

■ 9683069

■ 0

■ 11459735

■ 13302194

■ 15204301

■ 16777194

■ 2971676

■ 2971676

■ 2578451

■ 3364901

■ 2119690

■ 3823662

■ 1726466

■ 4216886

■ 1660928

■ 4610111

■ 5068872

■ 5462097

■ 5855322

■ 6248546

■ 6707307

Harmonies

Analogous

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



5329158



2971676



23610

Triad

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



2971676



22411



8859458

Complementary

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



2971676



4660312

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.



8270433



2971676



2510220

Square

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



2971676



23673



6373245



8403236

Rectangle

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



2971676



23888



6373245



8793932

Sweetspot

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



2971676



6452060



5785372



3226413



12237498



3881787

Same Dimension

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



2971676



3109653



1857577



2632487



1993472



4385536

Inverse Universe

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



4660312



5772659



5774411



2762539



5046379



11010283

Previews

White Background



This preview shows how the Decimal color 2971676 looks on a white background.

Color Contrast Check

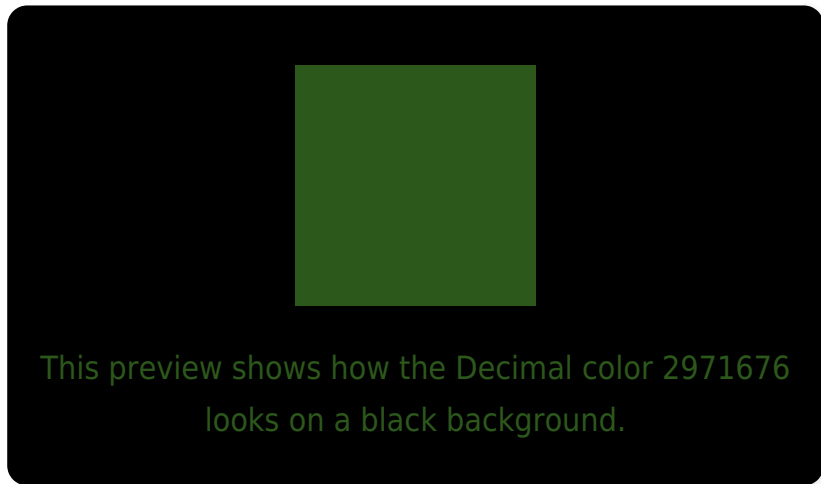
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

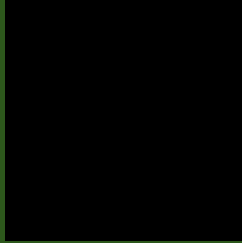
Any Text WCAG AA × Fail

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](#).

Decimal 2971676 Background



This preview shows how black text looks on a background with the Decimal color 2971676.



This preview shows how white text looks on a background with the Decimal color 2971676.

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
2971676

Protanopia
5721625

Deuteranopia
6375969



Tritanopia
3691097

Trichromacy



Original Color
2971676

Protanomaly
4739610

Deuteranomaly
5132063

Tritanomaly
3429443

Monochromacy



Original Color
2971676

Achromatopsia
4473924

Achromatomaly
3951413

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2971676 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 #2D581C looks like.

```
.text, #text, p{  
    color:#2D581C  
}
```

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 #2D581C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D581C
}
```

Border

The CSS property to change the border of an element to Decimal 2971676 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".

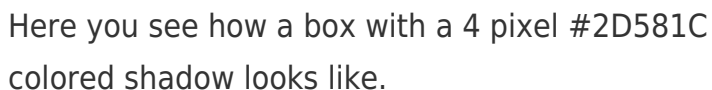
```
.border, #border, table{ border:4px solid
#2D581C }
```

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

```
.border{ border-color:#2D581C }
```

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

Here you see how a box with a 4 pixel #2D581C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D581C; -webkit-box-shadow:4px 4px  
4px 4px #2D581C; box-shadow:4px 4px 4px  
4px #2D581C }
```

Background

The CSS property to change the background color of an element to Decimal 2971676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D581C }
```

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

```
.background{ background-color:#2D581C }
```

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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