

Converting Colors

Decimal(27948)

Have a look what the booklet for
Decimal(27948) contains.

Decimal(27948)	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

Decimal(27948)

Conversions

Conversions Part 1

Format	Color
Hex	006D2C
RGB	0, 109, 44
RGB Percent	0%, 43%, 17%
CMY	1.0000, 0.5725, 0.8275
CMYK	1.00, 0.00, 0.60, 0.57
HSL	144°, 100%, 21%
HSV	144°, 100%, 43%
XYZ	5.9233, 11.1191, 4.2169
YIQ	68.9990, -44.0990, -43.3230

Conversions

Conversions Part 2

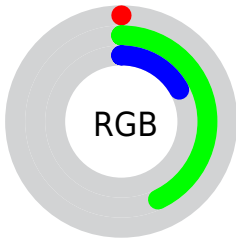
Format	Color
RYB	0, 78, 109
Decimal	27948
CIELab	39.78, -42.20, 28.51
CIELCh	40, 50.925, 145.960
Yxy	11.1191, 0.2786, 0.5230
Android (android.graphics.Color)	4278218028 (0xFF006D2C)
YUV	68.9990, -12.3245, -60.5121
Hunter-Lab	33.3454, -26.6467, 15.8439

Details

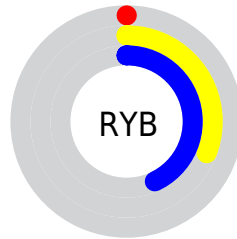
The Decimal color **27948** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **7143489**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **4825692**, and **15360** is the 20% darker color. If you saturate the color by 10%, you get **27948**, and if you desaturate by 10%, it is **748851**.

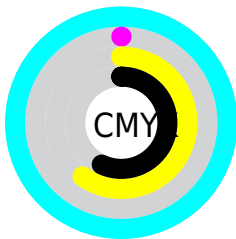
Distribution



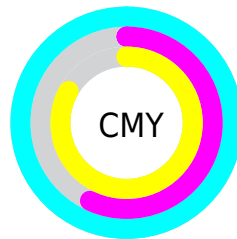
- Red (0%)
- Green (43%)
- Blue (17%)



- Red (0%)
- Yellow (31%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 27948 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 27948 by changing the saturation by 10% instead.

 27948  27948

16777215  21525

 4825692  15360

 6667637  9984

 8444303  0

 10286762

 12124101

 14024673

 15925246

 27948

■ 748851

■ 1469753

■ 2190656

■ 2911558

■ 3632461

■ 4287827

■ 5008730

■ 5729632

■ 6450535

Harmonies

Analogous

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



5137920



27948



28759

Triad

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



27948



25777



10893116

Complementary

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



27948



7143489

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.



10760805



27948



5330345

Square

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



27948



28066



9060749



9718038

Rectangle

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



27948



29043



9060749



10957641

Sweetspot

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



27948



6590325



4287744



3032888



13092807



4671303

Same Dimension

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



27948



36666



28002



3159602



29999



62819

Inverse Universe

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



7143489



9371733



7143435



3551283



7667782



16056466

Previews

White Background



This preview shows how the Decimal color 27948 looks on a white background.

Color Contrast Check

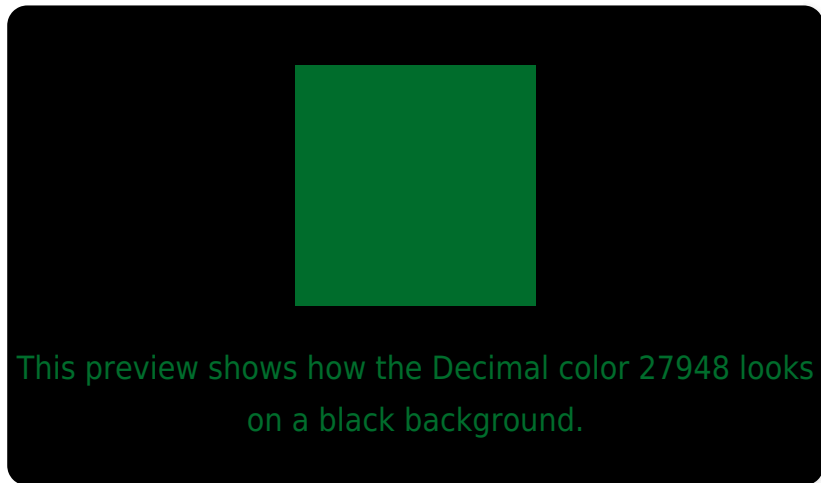
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Decimal 27948 Background



This preview shows how black text looks on a background with the Decimal color 27948.



This preview shows how white text looks on a background with the Decimal color 27948.

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
27948

Protanopia
6839847

Deuteranopia
7559474



Tritanopia
2844271

Trichromacy



Original Color
27948



Protanomaly
4350761



Deuteranomaly
4808752



Tritanomaly
1796439

Monochromacy



Original Color
27948



Achromatopsia
4539717



Achromatomaly
2905148

CSS Examples

Text

The CSS property to change the color of the text to Decimal 27948 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 #006D2C looks like.

```
.text, #text, p{  
    color:#006D2C  
}
```

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 #006D2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #006D2C
}
```

Border

The CSS property to change the border of an element to Decimal 27948 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
#006D2C }
```

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

```
.border{ border-color:#006D2C }
```

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

Here you see how a box with a 4 pixel #006D2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #006D2C; -webkit-box-shadow:4px 4px  
4px 4px #006D2C; box-shadow:4px 4px 4px  
4px #006D2C }
```

Background

The CSS property to change the background color of an element to Decimal 27948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#006D2C }
```

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

```
.background{ background-color:#006D2C }
```

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