

Converting Colors

Decimal(2988589)

Have a look what the booklet for
Decimal(2988589) contains.

| | |
|--|----|
| Decimal(2988589) | 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(2988589)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2D9A2D |
| RGB | 45, 154, 45 |
| RGB Percent | 18%, 60%, 18% |
| CMY | 0.8235, 0.3961, 0.8235 |
| CMYK | 0.71, 0.00, 0.71, 0.40 |
| HSL | 120°, 55%, 39% |
| HSV | 120°, 71%, 60% |
| XYZ | 13.1114, 23.8586, 6.3967 |
| YIQ | 108.9830, -29.9750, -57.0070 |

Conversions

Conversions Part 2

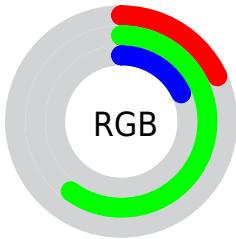
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 45, 154, 154 |
| Decimal | 2988589 |
| CIELab | 55.95, -51.76, 46.30 |
| CIElCh | 56, 69.445, 138.191 |
| Yxy | 23.8586, 0.3023, 0.5502 |
| Android (android.graphics.Color) | 4281178669 (0xFF2D9A2D) |
| YUV | 108.9830, -31.5436, -56.1131 |
| Hunter-Lab | 48.8452, -37.5647, 26.4271 |

Details

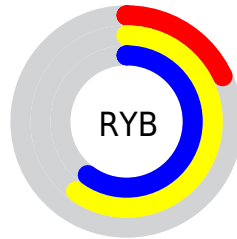
The Decimal color **2988589** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **10104218**, and the grayscale version is **7171437**.

A 20% lighter version of the original color is **7065953**, and **25856** is the 20% darker color. If you saturate the color by 10%, you get **2005534**, and if you desaturate by 10%, it is **3971644**.

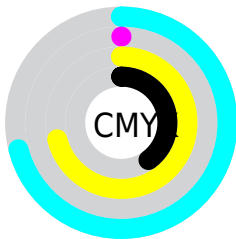
Distribution



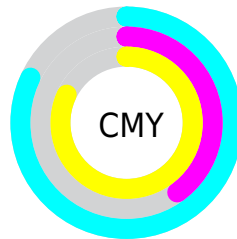
- Red (18%)
- Green (60%)
- Blue (18%)



- Red (18%)
- Yellow (60%)
- Blue (60%)



- Cyan (71%)
- Magenta (0%)
- Yellow (71%)
- Black (40%)



- Cyan (82%)
- Magenta (40%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2988589 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 2988589 by changing the saturation by 10% instead.

 2988589

 2988589

16777215

 32528

 7065953

 25856

 8973947

 19456

 10813334

 13568

 12779441

 7424

 14680014

 0

 16646122

 2988589

 2988589

 2005534

 3971644

■ 956942

■ 5020236

■ 39424

■ 6003291

■ 7051883

■ 8034938

■ 9017993

■ 10066585

■ 11049640

■ 12098232

Harmonies

Analogous

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



8359424



2988589



41067

Triad

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



2988589



38141



15746660

Complementary

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



2988589



10104218

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.



15026337



2988589



4882682

Square

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



2988589



40671



11953367



14508076

Rectangle

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



2988589



41366



11953367



15745912

Sweetspot

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



2988589



10471839



10132013



5072461



15132390



6710886

Same Dimension

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



2988589



2017566



2988643



4541765



35840



3328

Inverse Universe

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



10104218



13180617



10104163



5064013



9175180



851981

Previews

White Background



This preview shows how the Decimal color 2988589 looks on a white background.

Color Contrast Check

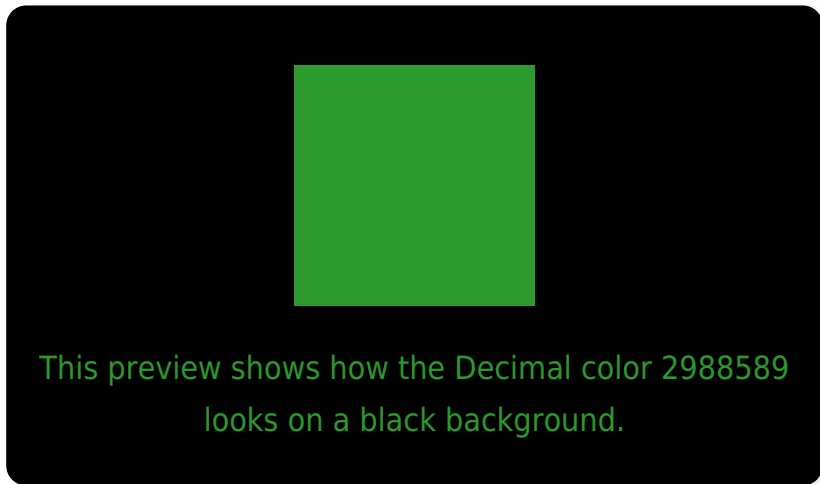
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

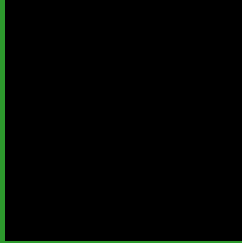
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 2988589 Background



This preview shows how black text looks on a background with the Decimal color 2988589.



This preview shows how white text looks on a background with the Decimal color 2988589.

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
2988589

Protanopia
9798952

Deuteranopia
10846007

Trichromacy



Original Color
2988589



Protanomaly
7310634



Deuteranomaly
7964979



Tritanomaly
4232307

Monochromacy



Original Color
2988589



Achromatopsia
7171437



Achromatomaly
5668182

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2988589 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 #2D9A2D looks like.

```
.text, #text, p{  
    color:#2D9A2D  
}
```

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 #2D9A2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9A2D
}
```

Border

The CSS property to change the border of an element to Decimal 2988589 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
#2D9A2D }
```

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

```
.border{ border-color:#2D9A2D }
```

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

Here you see how a box with a 4 pixel #2D9A2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9A2D; -webkit-box-shadow:4px 4px  
4px 4px #2D9A2D; box-shadow:4px 4px 4px  
4px #2D9A2D }
```

Background

The CSS property to change the background color of an element to Decimal 2988589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9A2D }
```

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

```
.background{ background-color:#2D9A2D }
```

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