

Converting Colors

Decimal(2939471)

Have a look what the booklet for
Decimal(2939471) contains.

Decimal(2939471)	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(2939471)

Conversions

Conversions Part 1

Format	Color
Hex	2CDA4F
RGB	44, 218, 79
RGB Percent	17%, 85%, 31%
CMY	0.8275, 0.1451, 0.6902
CMYK	0.80, 0.00, 0.64, 0.15
HSL	132°, 70%, 51%
HSV	132°, 80%, 85%
XYZ	27.5214, 51.2428, 15.8375
YIQ	150.1280, -59.0850, -80.1170

Conversions

Conversions Part 2

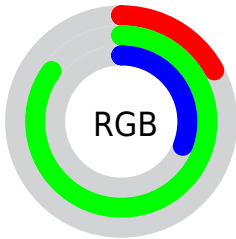
Format	Color
RYB	44, 189, 218
Decimal	2939471
CIELab	76.83, -69.33, 54.86
CIELCh	77, 88.408, 141.642
Yxy	51.2428, 0.2909, 0.5417
Android (android.graphics.Color)	4281129551 (0xFF2CDA4F)
YUV	150.1280, -35.0661, -93.0743
Hunter-Lab	71.5841, -56.6456, 36.9914

Details

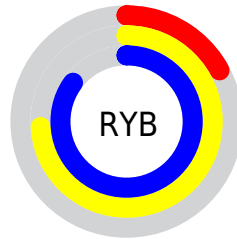
The Decimal color **2939471** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **14298295**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7929733**, and **41235** is the 20% darker color. If you saturate the color by 10%, you get **1497662**, and if you desaturate by 10%, it is **4381280**.

Distribution



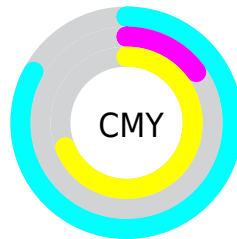
- Red (17%)
- Green (85%)
- Blue (31%)



- Red (17%)
- Yellow (74%)
- Blue (85%)



- Cyan (80%)
- Magenta (0%)
- Yellow (64%)
- Black (15%)



- Cyan (83%)
- Magenta (15%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2939471 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 2939471 by changing the saturation by 10% instead.



2939471



2939471

16777215



48435



7929733



41235



10026913



34304



12058557



27392



14090201



20736



16121847



14848



8192



0



2939471



2939471

■ 1497662

■ 4381280

■ 55852

■ 5823090

■ 7199363

■ 8641173

■ 10082982

■ 11524791

■ 12966601

■ 14342874

■ 15784684

Harmonies

Analogous

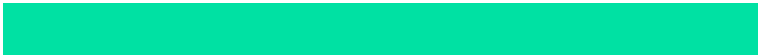
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11193088



2939471



57763

Triad

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



2939471



52991



16739207

Complementary

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



2939471



14298295

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.



16738264



2939471



8958719

Square

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



2939471



56831



16747263



16748090

Rectangle

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



2939471



58332



16747263



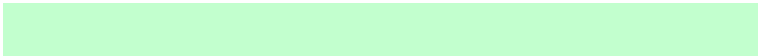
16737441

Sweetspot

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



2939471



12779470



12048940



5996642



0



8421504

Same Dimension

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



2939471



720699



2939558



6516325



44323



11785

Inverse Universe

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



14298295



16714446



14298208



7234411



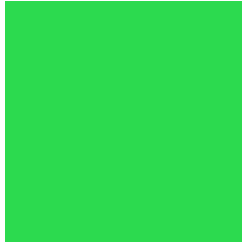
11337867



3014693

Previews

White Background



This preview shows how the Decimal color 2939471 looks on a white 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

Black Background



This preview shows how the Decimal color 2939471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

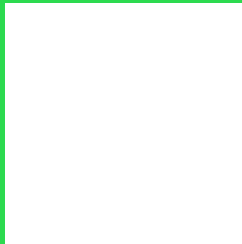
Any Text WCAG AAA ✓ Pass

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

Decimal 2939471 Background



This preview shows how black text looks on a background with the Decimal color 2939471.

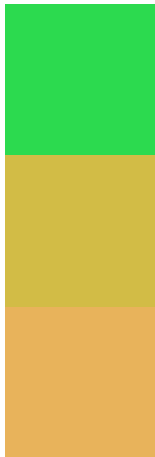


This preview shows how white text looks on a background with the Decimal color 2939471.

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](#).

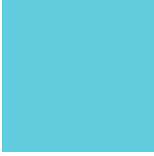
Dichromacy



Original Color
2939471

Protanopia
13810758

Deuteranopia
15250267

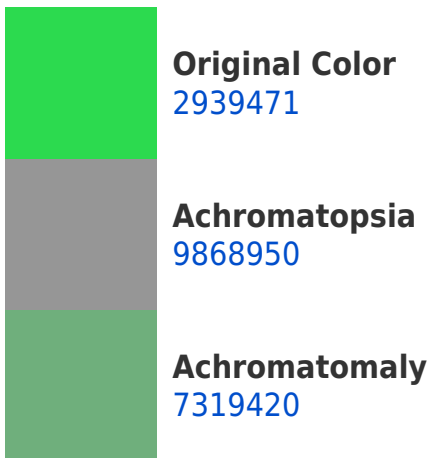


Tritanopia
6343901

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2939471 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 #2CDA4F looks like.

```
.text, #text, p{  
    color:#2CDA4F  
}
```

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 #2CDA4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CDA4F
}
```

Border

The CSS property to change the border of an element to Decimal 2939471 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
#2CDA4F }
```

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

```
.border{ border-color:#2CDA4F }
```

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

Here you see how a box with a 4 pixel #2CDA4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CDA4F; -webkit-box-shadow:4px 4px  
4px 4px #2CDA4F; box-shadow:4px 4px 4px  
4px #2CDA4F }
```

Background

The CSS property to change the background color of an element to Decimal 2939471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CDA4F }
```

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

```
.background{ background-color:#2CDA4F }
```

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