

Converting Colors

Decimal(2807082)

Have a look what the booklet for
Decimal(2807082) contains.

Decimal(2807082)	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(2807082)

Conversions

Conversions Part 1

Format	Color
Hex	2AD52A
RGB	42, 213, 42
RGB Percent	16%, 84%, 16%
CMY	0.8353, 0.1647, 0.8353
CMYK	0.80, 0.00, 0.80, 0.16
HSL	120°, 67%, 50%
HSV	120°, 80%, 84%
XYZ	25.1670, 48.2479, 10.1768
YIQ	142.3770, -47.0250, -89.4330

Conversions

Conversions Part 2

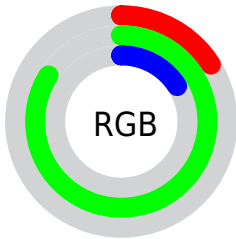
Format	Color
RYB	42, 213, 213
Decimal	2807082
CIELab	74.98, -71.09, 66.10
CIELCh	75, 97.071, 137.083
Yxy	48.2479, 0.3011, 0.5772
Android (android.graphics.Color)	4280997162 (0xFF2AD52A)
YUV	142.3770, -49.4859, -88.0306
Hunter-Lab	69.4607, -56.8821, 39.9358

Details

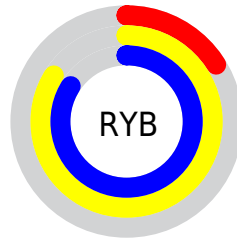
The Decimal color **2807082** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **13970133**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **7864166**, and **40192** is the 20% darker color. If you saturate the color by 10%, you get **1430805**, and if you desaturate by 10%, it is **4183359**.

Distribution



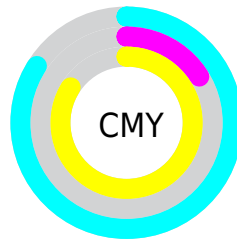
- Red (16%)
- Green (84%)
- Blue (16%)



- Red (16%)
- Yellow (84%)
- Blue (16%)



- Cyan (80%)
- Magenta (0%)
- Yellow (80%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2807082 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 2807082 by changing the saturation by 10% instead.



2807082



2807082

16777215



47104



7864166



40192



9961346



33024



12058526



26368



14090171



19712



16121816



13568



16777205



6656



0



2807082



2807082

■ 1430805

■ 4183359

■ 54528

■ 5625173

■ 7001450

■ 8377727

■ 9819541

■ 11195818

■ 12572095

■ 13948372

■ 15390186

Harmonies

Analogous

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



11453440



2807082



56717

Triad

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



2807082



52991



16731786

Complementary

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



2807082



13970133

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.



16733155



2807082



3584767

Square

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



2807082



56575



16418303



16743219

Rectangle

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



2807082



57292



16418303



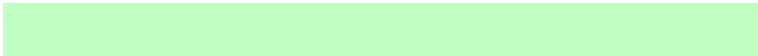
16730023

Sweetspot

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



2807082



12779458



14013738



5996635



0



8421504

Same Dimension

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



2807082



720650



2807168



6318944



43776



11008

Inverse Universe

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



13970133



16714495



13970048



7037035



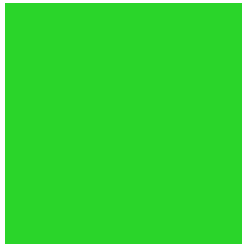
11206827



2818091

Previews

White Background



This preview shows how the Decimal color 2807082 looks on a white background.

Color Contrast Check

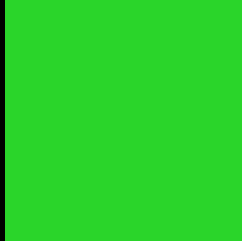
Large Text (above 18pt) WCAG AA × Fail

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 2807082 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 2807082 Background



This preview shows how black text looks on a background with the Decimal color 2807082.



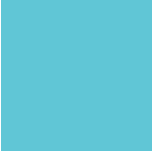
This preview shows how white text looks on a background with the Decimal color 2807082.

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





Tritanopia
6342358

Trichromacy



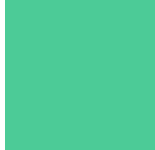
Original Color
2807082



Protanomaly
9617957



Deuteranomaly
10599478



Tritanomaly
5032855

Monochromacy



Original Color
2807082



Achromatopsia
9342606



Achromatomaly
6989930

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2807082 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 #2AD52A looks like.

```
.text, #text, p{  
    color:#2AD52A  
}
```

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 #2AD52A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AD52A
}
```

Border

The CSS property to change the border of an element to Decimal 2807082 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
#2AD52A }
```

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

```
.border{ border-color:#2AD52A }
```

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

Here you see how a box with a 4 pixel #2AD52A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AD52A; -webkit-box-shadow:4px 4px  
4px 4px #2AD52A; box-shadow:4px 4px 4px  
4px #2AD52A }
```

Background

The CSS property to change the background color of an element to Decimal 2807082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AD52A }
```

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

```
.background{ background-color:#2AD52A }
```

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