

# Converting Colors

Decimal(2676524)

Have a look what the booklet for  
Decimal(2676524) contains.

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# **Color**

**Decimal(2676524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28D72C
RGB	40, 215, 44
RGB Percent	16%, 84%, 17%
CMY	0.8431, 0.1569, 0.8275
CMYK	0.81, 0.00, 0.80, 0.16
HSL	121°, 69%, 50%
HSV	121°, 81%, 84%
XYZ	25.6301, 49.2338, 10.5351
YIQ	143.1810, -49.4090, -90.2810

# Conversions

## Conversions Part 2

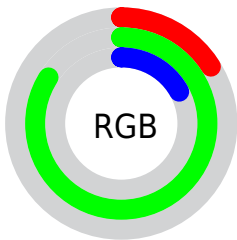
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 211, 215
Decimal	2676524
CIELab	75.60, -71.78, 66.11
CIELCh	76, 97.587, 137.357
Yxy	49.2338, 0.3001, 0.5765
Android (android.graphics.Color)	4280866604 (0xFF28D72C)
YUV	143.1810, -48.8962, -90.4897
Hunter-Lab	70.1668, -57.5905, 40.2148

# Details

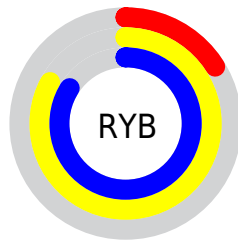
The Decimal color **2676524** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **14100691**, and the grayscale version is **9474192**.

A 20% lighter version of the original color is **7864168**, and **40448** is the 20% darker color. If you saturate the color by 10%, you get **1300247**, and if you desaturate by 10%, it is **4118337**.

# Distribution



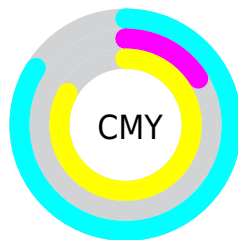
- Red (16%)
- Green (84%)
- Blue (17%)



- Red (16%)
- Yellow (83%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (80%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2676524 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 2676524 by changing the saturation by 10% instead.





2676524



2676524

16777215



47616



7864168



40448



9961348



33536



11992992



26880



14090173



20224



16121818



14080



16777207



7168



0



2676524



2676524

■ 1300247

■ 4118337

■ 55045

■ 5494614

■ 6936427

■ 8312704

■ 9754517

■ 11130794

■ 12572607

■ 13948884

■ 15390697

# Harmonies

## Analogous

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



11519488



2676524



57232

# Triad

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



2676524



53503



16732299

# Complementary

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



2676524



14100691

# 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.



16733412



2676524



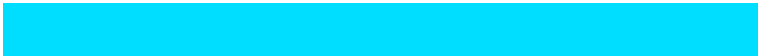
4043775

# Square

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



2676524



57087



16615167



16743731

# Rectangle

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



2676524



57807



16615167



16730280

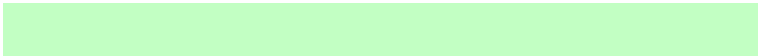


# Sweetspot

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



2676524



12779459



13948712



5996635



0



8421504



# Same Dimension

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



2676524



392971



2676610



6318945



43780



11009



# Inverse Universe

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



14100691



16713209



14100605



7037035



11206823

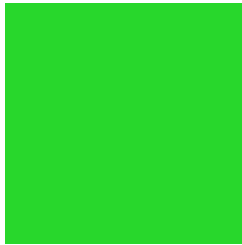


2818090



# Previews

## White Background



This preview shows how the Decimal color 2676524 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 2676524 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 2676524 Background



This preview shows how black text looks on a background with the Decimal color 2676524.

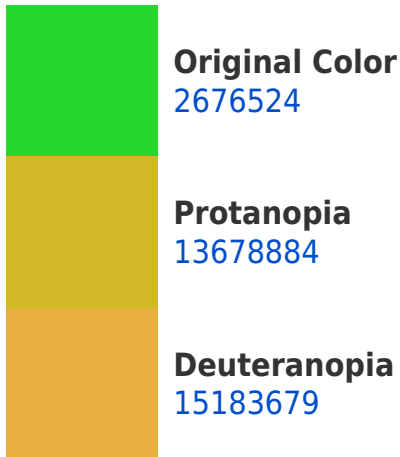


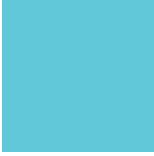
This preview shows how white text looks on a background with the Decimal color 2676524.

# 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**  
6342872

# Trichromacy



**Original Color**

2676524



**Protanomaly**

9684007



**Deuteranomaly**

10665528



**Tritanomaly**

5033369

# Monochromacy



**Original Color**

2676524



**Achromatopsia**

9408399



**Achromatomaly**

6990187

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2676524 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 #28D72C looks like.

```
.text, #text, p{  
  color:#28D72C  
}
```

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 #28D72C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28D72C
}
```

## Border

The CSS property to change the border of an element to Decimal 2676524 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
#28D72C }
```

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

```
.border{ border-color:#28D72C }
```

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

Here you see how a box with a 4 pixel #28D72C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28D72C; -webkit-box-shadow:4px 4px  
4px 4px #28D72C; box-shadow:4px 4px 4px  
4px #28D72C }
```

# Background

The CSS property to change the background color of an element to Decimal 2676524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28D72C }
```

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

```
.background{ background-color:#28D72C }
```

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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