

# Converting Colors

Decimal(2742123)

Have a look what the booklet for  
Decimal(2742123) contains.

<b>Decimal(2742123)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(2742123)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29D76B
RGB	41, 215, 107
RGB Percent	16%, 84%, 42%
CMY	0.8392, 0.1569, 0.5804
CMYK	0.81, 0.00, 0.50, 0.16
HSL	143°, 69%, 50%
HSV	143°, 81%, 84%
XYZ	27.8687, 50.1338, 22.1179
YIQ	150.6620, -69.0360, -70.4760

# Conversions

## Conversions Part 2

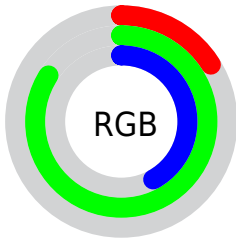
<b>Format</b>	<b>Color</b>
<b>RYB</b>	41, 167, 215
Decimal	2742123
CIELab	76.15, -65.03, 41.31
CIELCh	76, 77.045, 147.573
Yxy	50.1338, 0.2784, 0.5007
Android (android.graphics.Color)	4280932203 (0xFF29D76B)
YUV	150.6620, -21.5254, -96.1736
Hunter-Lab	70.8052, -53.6521, 31.0429

# Details

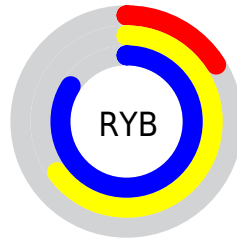
The Decimal color **2742123** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **14100885**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7733152**, and **40760** is the 20% darker color. If you saturate the color by 10%, you get **1365854**, and if you desaturate by 10%, it is **4118392**.

# Distribution



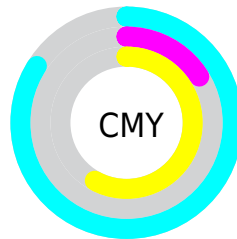
- Red (16%)
- Green (84%)
- Blue (42%)



- Red (16%)
- Yellow (65%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (50%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2742123 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 2742123 by changing the saturation by 10% instead.



 2742123

 2742123

16777215

 47953

 7733152

 40760

 9764796

 33566

 11796440

 26880

 13828085

 20224

 15859711

 14080

 7680

 0

 2742123

 2742123

■ 1365854

■ 4118392

■ 55122

■ 5560198

■ 7002003

■ 8378272

■ 9820078

■ 11196347

■ 12638152

■ 14014422

■ 15456227

# Harmonies

## Analogous

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



10406700



2742123



56756

# Triad

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



2742123



50943



16744062

# Complementary

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



2742123



14100885

# 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.



16741829



2742123



11578367

# Square

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



2742123



55039



16747519



16751169

# Rectangle

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



2742123



56805



16747519



16742549

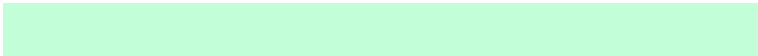


# Sweetspot

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



2742123



12779481



9951017



5996649



0



8421504



# Same Dimension

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



2742123



589669



2742208



6318948



43841



11024



# Inverse Universe

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



14100885



16713889



14100800



7037031



11206762

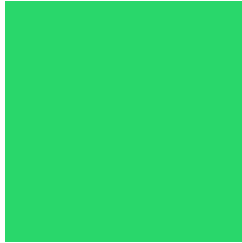


2818075



# Previews

## White Background



This preview shows how the Decimal color 2742123 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 2742123 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

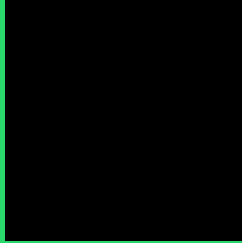
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 2742123 Background



This preview shows how black text looks on a background with the Decimal color 2742123.

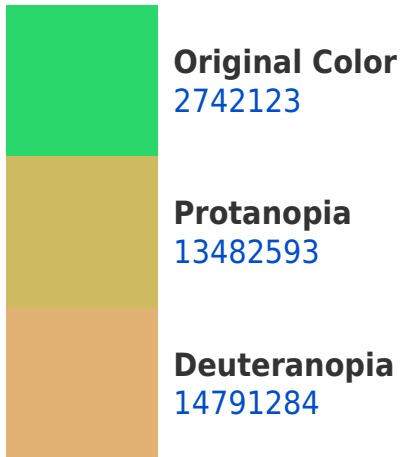


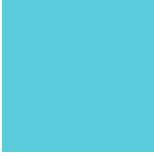
This preview shows how white text looks on a background with the Decimal color 2742123.

# 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**  
5950427

# Trichromacy



**Original Color**

2742123



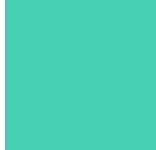
**Protanomaly**

9553253



**Deuteranomaly**

10403697



**Tritanomaly**

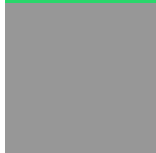
4771762

# Monochromacy



**Original Color**

2742123



**Achromatopsia**

9934743



**Achromatomaly**

7319175

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2742123 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 #29D76B looks like.

```
.text, #text, p{  
    color:#29D76B  
}
```

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 #29D76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D76B
}
```

## Border

The CSS property to change the border of an element to Decimal 2742123 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
#29D76B }
```

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

```
.border{ border-color:#29D76B }
```

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

Here you see how a box with a 4 pixel #29D76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D76B; -webkit-box-shadow:4px 4px  
4px 4px #29D76B; box-shadow:4px 4px 4px  
4px #29D76B }
```

# Background

The CSS property to change the background color of an element to Decimal 2742123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D76B }
```

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

```
.background{ background-color:#29D76B }
```

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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