

# Converting Colors

Decimal(2740740)

Have a look what the booklet for  
Decimal(2740740) contains.

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**Color**

**Decimal(2740740)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29D204
RGB	41, 210, 4
RGB Percent	16%, 82%, 2%
CMY	0.8392, 0.1765, 0.9843
CMYK	0.80, 0.00, 0.98, 0.18
HSL	109°, 96%, 42%
HSV	109°, 98%, 82%
XYZ	23.9830, 46.5734, 7.8404
YIQ	135.9850, -34.5980, -99.8940

# Conversions

## Conversions Part 2

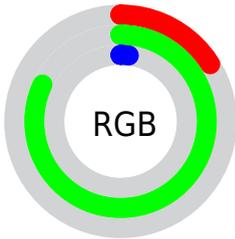
Format	Color
<a href="#">RYB</a>	<a href="#">4, 210, 173</a>
Decimal	<a href="#">2740740</a>
CIELab	<a href="#">73.92, -71.61, 71.82</a>
CIELCh	<a href="#">74, 101.425, 134.917</a>
Yxy	<a href="#">46.5734, 0.3059, 0.5941</a>
Android (android.graphics.Color)	<a href="#">4280930820</a> ( <a href="#">0xFF29D204</a> )
YUV	<a href="#">135.9850, -65.0686, -83.3018</a>
Hunter-Lab	<a href="#">68.2447, -56.6986, 40.9597</a>

# Details

The Decimal color **2740740** 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 **11338962**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **7864148**, and **39424** is the 20% darker color. If you saturate the color by 10%, you get **2544128**, and if you desaturate by 10%, it is **3854873**.

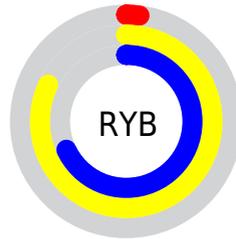
# Distribution



Red (16%)

Green (82%)

Blue (2%)



Red (2%)

Yellow (82%)

Blue (68%)

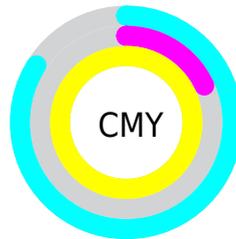


Cyan (80%)

Magenta (0%)

Yellow (98%)

Black (18%)



Cyan (84%)

Magenta (18%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2740740 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 2740740 by changing the saturation by 10% instead.

 2740740

 2740740

16777215

 46592

 7864148

 39424

 9961329

 32512

 12058510

 25600

 14090155

 18944

 16121800

 12800

 16777189

 5632

 0

 2740740

 2740740

■ 2544128

■ 3854873

■ 4969006

■ 6148675

■ 7262808

■ 8376941

■ 9491074

■ 10670743

■ 11784876

■ 12899009

# Harmonies

## Analogous

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



11583488



2740740



56194

# Triad

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



2740740



52991



16726668

# Complementary

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



2740740



11338962

# Split Complementary

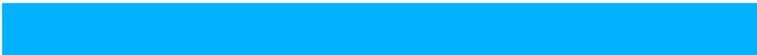
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



16730345



2740740



45823

# Square

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



2740740



56319



15827967



16740400

# Rectangle

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



2740740



56771



15827967



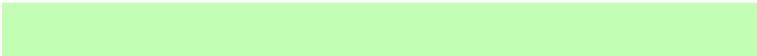
16724651

# Sweetspot

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



2740740



12779445



13806596



5996627



0



8421504



# Same Dimension

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



2740740



3079936



315973



6318430



2009088



469248



# Inverse Universe

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



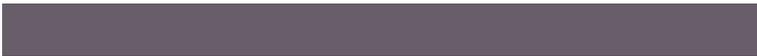
11338962



13697279



13763729



6774377



9044136

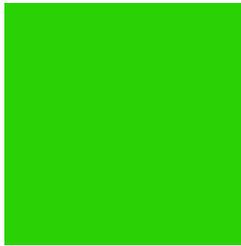


2162729



# Previews

## White Background



This preview shows how the Decimal color 2740740 looks on a white background.

## Color Contrast Check

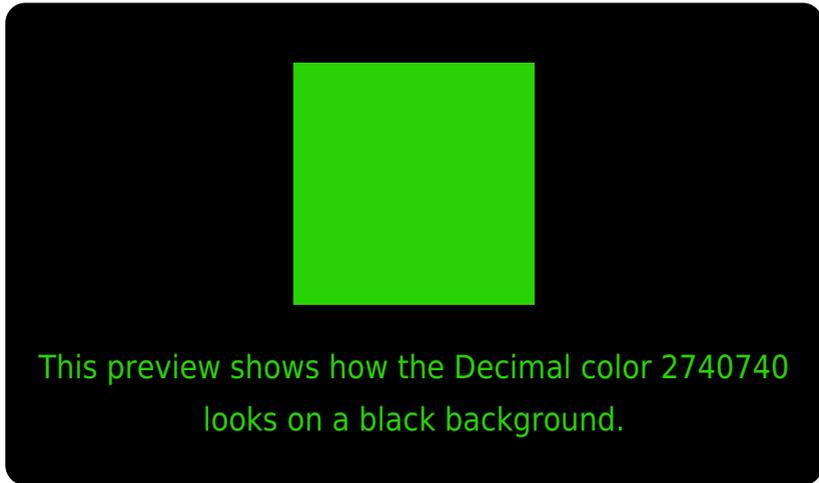
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 2740740 Background



This preview shows how black text looks on a background with the Decimal color 2740740.



This preview shows how white text looks on a background with the Decimal color 2740740.

# 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**  
6276051

# Trichromacy



**Original Color**

2740740



**Protanomaly**

9486081



**Deuteranomaly**

10467614



**Tritanomaly**

4966536

# Monochromacy



**Original Color**

2740740



**Achromatopsia**

8947848



**Achromatomaly**

6660952

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2740740 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 #29D204 looks like.

```
.text, #text, p{  
    color:#29D204  
}
```

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 #29D204 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D204
}
```

## Border

The CSS property to change the border of an element to Decimal 2740740 is called "border". The border property can be set on classes, ids or directly on the HTML element.

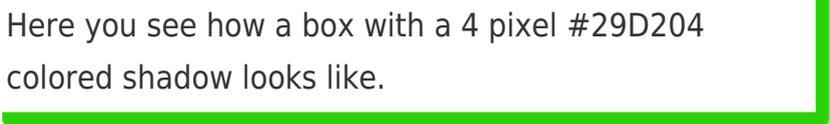
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29D204 }
```

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

```
.border{ border-color:#29D204 }
```

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



Here you see how a box with a 4 pixel #29D204 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D204; -webkit-box-shadow:4px 4px  
4px 4px #29D204; box-shadow:4px 4px 4px  
4px #29D204 }
```

# Background

The CSS property to change the background color of an element to Decimal 2740740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D204 }
```

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

```
.background{ background-color:#29D204 }
```

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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