

Converting Colors

Decimal(2750249)

Have a look what the booklet for
Decimal(2750249) contains.

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Color

Decimal(2750249)

Conversions

Conversions Part 1

Format	Color
Hex	29F729
RGB	41, 247, 41
RGB Percent	16%, 97%, 16%
CMY	0.8392, 0.0314, 0.8392
CMYK	0.83, 0.00, 0.83, 0.03
HSL	120°, 93%, 56%
HSV	120°, 83%, 97%
XYZ	34.5755, 67.1530, 13.2373
YIQ	161.9220, -56.6500, -107.7380

Conversions

Conversions Part 2

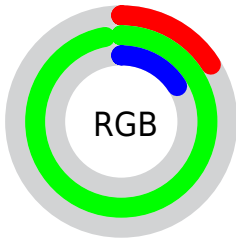
Format	Color
RYB	41, 247, 247
Decimal	2750249
CIELab	85.58, -80.92, 76.06
CIELCh	86, 111.058, 136.773
Yxy	67.1530, 0.3007, 0.5841
Android (android.graphics.Color)	4280940329 (0xFF29F729)
YUV	161.9220, -59.6145, -106.0486
Hunter-Lab	81.9470, -68.0936, 47.7854

Details

The Decimal color **2750249** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **16198135**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **8388458**, and **48384** is the 20% darker color. If you saturate the color by 10%, you get **1111824**, and if you desaturate by 10%, it is **4388674**.

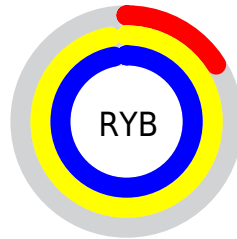
Distribution



Red (16%)

Green (97%)

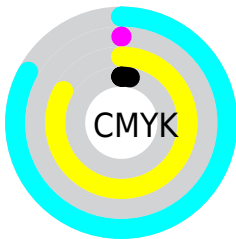
Blue (16%)



Red (16%)

Yellow (97%)

Blue (97%)

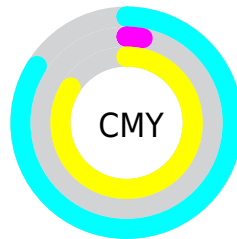


Cyan (83%)

Magenta (0%)

Yellow (83%)

Black (3%)



Cyan (84%)

Magenta (3%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2750249 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 2750249 by changing the saturation by 10% instead.

 2750249

 2750249

16777215

 55808

 8388458

 48384

 10616712

 41216

 12779429

 34048

 14876610

 27136

 16777184

 20480

16777214

 14080

 7168

 0

 2750249

 2750249

 1111824

 4388674

 63232

 5961562

 7599987

 9238412

 10876837

 12449725

 14088150

 15726575

 16775167

Harmonies

Analogous

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



13296384



2750249



65442

Triad

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



2750249



61695



16733344

Complementary

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



2750249



16198135

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.



16735487



2750249



1822719

Square

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



2750249



65535



16751103



16747833

Rectangle

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



2750249



65516



16751103



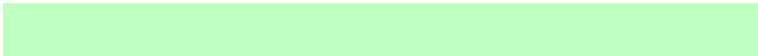
16731075

Sweetspot

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



2750249



12582847



16250665



5865561



0



8421504

Same Dimension

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



2750249



65280



2750352



7240302



47616



15104

Inverse Universe

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



16198135



16711935



16198032



8023674



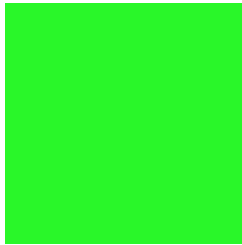
12189882



3866683

Previews

White Background



This preview shows how the Decimal color 2750249 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 2750249 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 2750249 Background



This preview shows how black text looks on a background with the Decimal color 2750249.

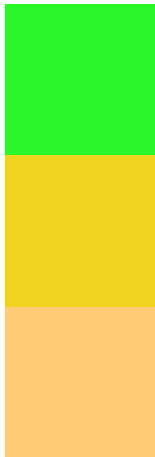


This preview shows how white text looks on a background with the Decimal color 2750249.

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](#).

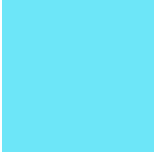
Dichromacy



Original Color
2750249

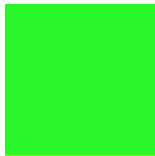
Protanopia
15717407

Deuteranopia
16763765



Tritanopia
7202552

Trichromacy



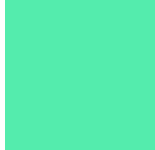
Original Color
2750249



Protanomaly
11002147

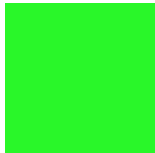


Deuteranomaly
11656025



Tritanomaly
5565613

Monochromacy



Original Color
2750249



Achromatopsia
10658466



Achromatomaly
7782774

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2750249 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 #29F729 looks like.

```
.text, #text, p{  
  color:#29F729  
}
```

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 #29F729 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29F729
}
```

Border

The CSS property to change the border of an element to Decimal 2750249 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
#29F729 }
```

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

```
.border{ border-color:#29F729 }
```

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

Here you see how a box with a 4 pixel #29F729 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29F729; -webkit-box-shadow:4px 4px  
4px 4px #29F729; box-shadow:4px 4px 4px  
4px #29F729 }
```

Background

The CSS property to change the background color of an element to Decimal 2750249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29F729 }
```

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

```
.background{ background-color:#29F729 }
```

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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