

Converting Colors

Decimal(7274311)

Have a look what the booklet for
Decimal(7274311) contains.

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Color

Decimal(7274311)

Conversions

Conversions Part 1

Format	Color
Hex	6EFF47
RGB	110, 255, 71
RGB Percent	43%, 100%, 28%
CMY	0.5686, 0.0000, 0.7216
CMYK	0.57, 0.00, 0.72, 0.00
HSL	107°, 100%, 64%
HSV	107°, 72%, 100%
XYZ	43.3277, 75.2899, 18.2100
YIQ	190.6690, -27.3560, -87.9640

Conversions

Conversions Part 2

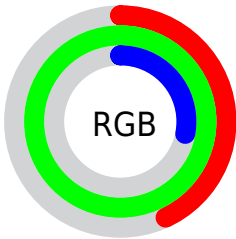
Format	Color
RYB	71, 255, 216
Decimal	7274311
CIELab	89.53, -70.06, 71.75
CIELCh	90, 100.282, 134.313
Yxy	75.2899, 0.3167, 0.5503
Android (android.graphics.Color)	4285464391 (0xFF6EFF47)
YUV	190.6690, -58.9968, -70.7467
Hunter-Lab	86.7698, -62.7147, 48.2959

Details

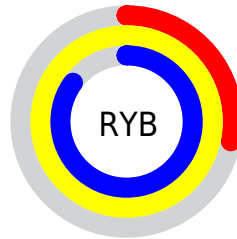
The Decimal color **7274311** is a dark color, and the websafe version is hex **66FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **14174207**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **11468673**, and **1754368** is the 20% darker color. If you saturate the color by 10%, you get **5963566**, and if you desaturate by 10%, it is **8585057**.

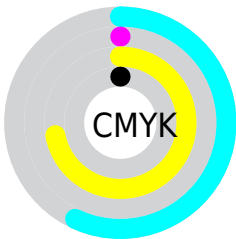
Distribution



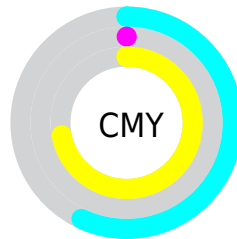
- Red (43%)
- Green (100%)
- Blue (28%)



- Red (28%)
- Yellow (100%)
- Blue (85%)



- Cyan (57%)
- Magenta (0%)
- Yellow (72%)
- Black (0%)



- Cyan (57%)
- Magenta (0%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7274311 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 7274311 by changing the saturation by 10% instead.

7274311

7274311

16777215

4973093

11468673

1754368

13500318

43264

15531963

36096

16777176

29440

16777206

22528

16384

9984

0

■ 7274311

■ 7274311

■ 5963566

■ 8585057

■ 4652820

■ 9895802

■ 3604224

■ 11206547

■ 12517293

■ 13828039

■ 15204320

■ 16515066

16777215

Harmonies

Analogous

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



14871296



7274311



65450

Triad

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



7274311



64255



16743095

Complementary

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



7274311



14174207

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.



16745471



7274311



5496319

Square

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



7274311



65535



16757247



16752221

Rectangle

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



7274311



65517



16757247



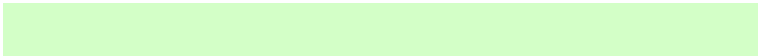
16742359

Sweetspot

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



7274311



13893575



16766791



6651998



0



8421504

Same Dimension

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



7274311



5308193



4718459



7700595



2735872



933888

Inverse Universe

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



14174207



13640191



16730059



8221568



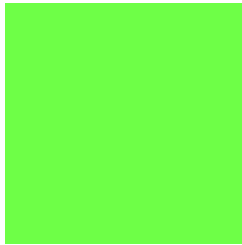
9896127



3276864

Previews

White Background



This preview shows how the Decimal color 7274311 looks on a white background.

Color Contrast Check

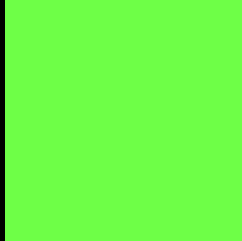
Large Text (above 18pt) WCAG AA × Fail

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 7274311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

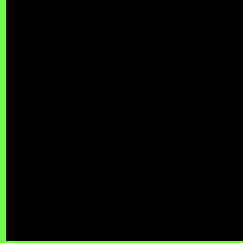
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

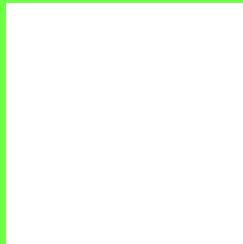
Any Text WCAG AAA ✓ Pass

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

Decimal 7274311 Background



This preview shows how black text looks on a background with the Decimal color 7274311.

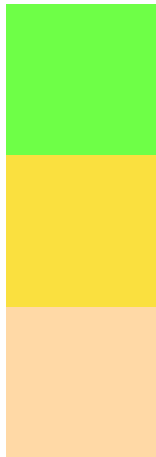


This preview shows how white text looks on a background with the Decimal color 7274311.

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
7274311

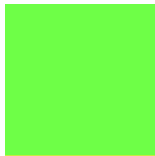
Protanopia
16441407

Deuteranopia
16767398



Tritanopia
10153471

Trichromacy



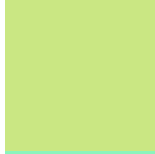
Original Color

7274311



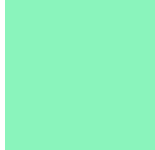
Protanomaly

13101890



Deuteranomaly

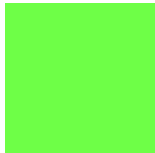
13297539



Tritanomaly

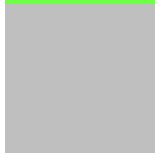
9106620

Monochromacy



Original Color

7274311



Achromatopsia

12566463



Achromatomaly

10671763

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7274311 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 #6EFF47 looks like.

```
.text, #text, p{  
    color:#6EFF47  
}
```

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 #6EFF47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EFF47
}
```

Border

The CSS property to change the border of an element to Decimal 7274311 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
#6EFF47 }
```

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

```
.border{ border-color:#6EFF47 }
```

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

Here you see how a box with a 4 pixel #6EFF47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EFF47; -webkit-box-shadow:4px 4px  
4px 4px #6EFF47; box-shadow:4px 4px 4px  
4px #6EFF47 }
```

Background

The CSS property to change the background color of an element to Decimal 7274311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EFF47 }
```

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

```
.background{ background-color:#6EFF47 }
```

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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