

Converting Colors

Decimal(5045068)

Have a look what the booklet for
Decimal(5045068) contains.

Decimal(5045068)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5045068)

Conversions

Conversions Part 1

Format	Color
Hex	4CFB4C
RGB	76, 251, 76
RGB Percent	30%, 98%, 30%
CMY	0.7020, 0.0157, 0.7020
CMYK	0.70, 0.00, 0.70, 0.02
HSL	120°, 96%, 64%
HSV	120°, 70%, 98%
XYZ	38.7822, 71.0527, 18.5080
YIQ	178.7250, -48.1250, -91.5250

Conversions

Conversions Part 2

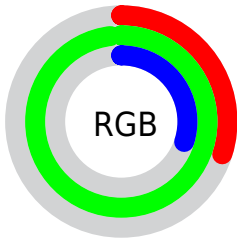
Format	Color
RYB	76, 251, 251
Decimal	5045068
CIELab	87.51, -75.31, 67.68
CIELCh	88, 101.254, 138.057
Yxy	71.0527, 0.3022, 0.5536
Android (android.graphics.Color)	4283235148 (0xFF4CFB4C)
YUV	178.7250, -50.6434, -90.0898
Hunter-Lab	84.2927, -65.3864, 45.9867

Details

The Decimal color **5045068** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **16469243**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **9633669**, and **49408** is the 20% darker color. If you saturate the color by 10%, you get **3406643**, and if you desaturate by 10%, it is **6683493**.

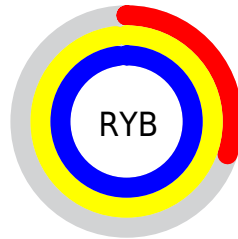
Distribution



Red (30%)

Green (98%)

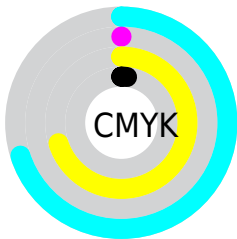
Blue (30%)



Red (30%)

Yellow (98%)

Blue (98%)

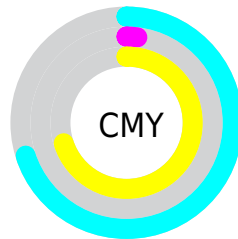


Cyan (70%)

Magenta (0%)

Yellow (70%)

Black (2%)



Cyan (70%)

Magenta (2%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5045068 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 5045068 by changing the saturation by 10% instead.

 5045068

 5045068

16777215

 1302061

 9633669

 49408

 11796386

 42240

 13828030

 35072

 15925212

 28160

 16777209

 21504

 15360

 8448

 0

■ 5045068

■ 5045068

■ 3406643

■ 6683493

■ 1768218

■ 8321918

■ 129793

■ 9960343

■ 64256

■ 11598768

■ 13237193

■ 14941155

■ 16579580

■ 16776191

Harmonies

Analogous

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



13690880



5045068



65456

Triad

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



5045068



62207



16741542

Complementary

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



5045068



16469243

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.



16742399



5045068



7852799

Square

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



5045068



65535



16753919



16751947

Rectangle

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



5045068



65524



16753919



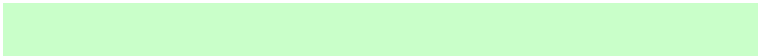
16740038

Sweetspot

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



5045068



13238217



16513868



6324320



0



8421504

Same Dimension

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



5045068



2752297



5045156



7372144



48384



15616

Inverse Universe

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



16469243



16722431



16469156



8220797



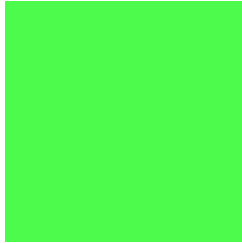
12386493



3997757

Previews

White Background



This preview shows how the Decimal color 5045068 looks on a white background.

Color Contrast Check

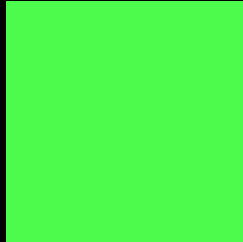
Large Text (above 18pt) WCAG AA × Fail

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 5045068 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 5045068 Background



This preview shows how black text looks on a background with the Decimal color 5045068.

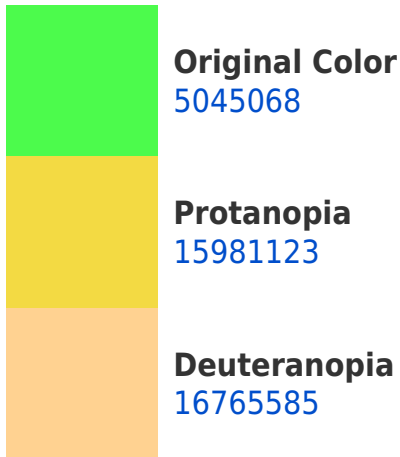


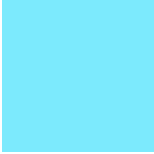
This preview shows how white text looks on a background with the Decimal color 5045068.

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](#).

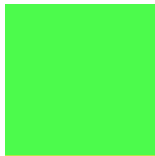
Dichromacy



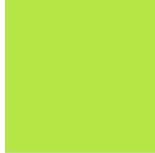


Tritanopia
8186621

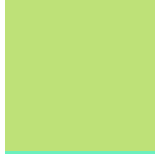
Trichromacy



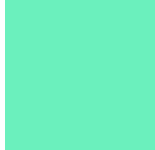
Original Color
5045068



Protanomaly
11986502



Deuteranomaly
12509560

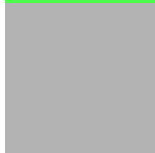


Tritanomaly
7073981

Monochromacy



Original Color
5045068



Achromatopsia
11776947



Achromatomaly
9358734

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5045068 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 #4CFB4C looks like.

```
.text, #text, p{  
    color:#4CFB4C  
}
```

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 #4CFB4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CFB4C
}
```

Border

The CSS property to change the border of an element to Decimal 5045068 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
#4CFB4C }
```

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

```
.border{ border-color:#4CFB4C }
```

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

Here you see how a box with a 4 pixel #4CFB4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CFB4C; -webkit-box-shadow:4px 4px  
4px 4px #4CFB4C; box-shadow:4px 4px 4px  
4px #4CFB4C }
```

Background

The CSS property to change the background color of an element to Decimal 5045068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CFB4C }
```

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

```
.background{ background-color:#4CFB4C }
```

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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