

Converting Colors

Decimal(5177166)

Have a look what the booklet for
Decimal(5177166) contains.

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Color

Decimal(5177166)

Conversions

Conversions Part 1

Format	Color
Hex	4EFF4E
RGB	78, 255, 78
RGB Percent	31%, 100%, 31%
CMY	0.6941, 0.0000, 0.6941
CMYK	0.69, 0.00, 0.69, 0.00
HSL	120°, 100%, 65%
HSV	120°, 69%, 100%
XYZ	40.2770, 73.6898, 19.3085
YIQ	181.8990, -48.6750, -92.5710

Conversions

Conversions Part 2

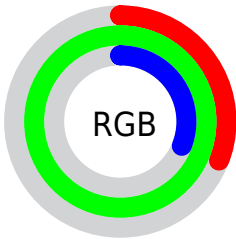
Format	Color
RYB	78, 255, 255
Decimal	5177166
CIELab	88.78, -76.06, 68.28
CIELCh	89, 102.216, 138.084
Yxy	73.6898, 0.3022, 0.5529
Android (android.graphics.Color)	4283367246 (0xFF4EFF4E)
YUV	181.8990, -51.2222, -91.1194
Hunter-Lab	85.8427, -66.4734, 46.7539

Details

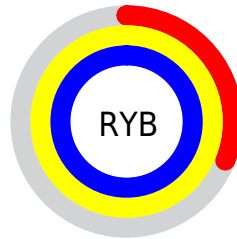
The Decimal color **5177166** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **16731903**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **9764743**, and **50432** is the 20% darker color. If you saturate the color by 10%, you get **3538741**, and if you desaturate by 10%, it is **6881128**.

Distribution



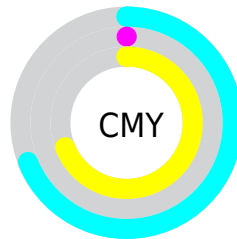
- Red (31%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Decimal color 5177166 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 5177166 by changing the saturation by 10% instead.

 5177166

 5177166

16777215

 1565231

 9764743

 50432

 11927460

 43008

 13959105

 36096

 16056286

 29184

 16777212

 22272

 16128

 9472

 0

■ 5177166

■ 5177166

■ 3538741

■ 6881128

■ 1834779

■ 8519553

■ 196354

■ 10223515

■ 65280

■ 11861940

■ 13565902

■ 15204327

16777215

Harmonies

Analogous

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



13888512



5177166



65459

Triad

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



5177166



63231



16742313

Complementary

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



5177166



16731903

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.



16742911



5177166



8050431

Square

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



5177166



65535



16754687



16752717

Rectangle

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



5177166



65528



16754687



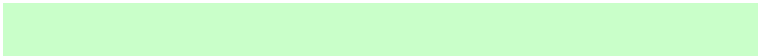
16740553

Sweetspot

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



5177166



13238217



16777038



6324320



0



8421504

Same Dimension

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



5177166



2883371



5177255



7569523



48896



16384

Inverse Universe

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



16731903



16722943



16731815



8418176



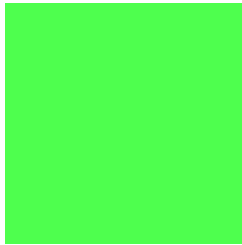
12517567



4194368

Previews

White Background



This preview shows how the Decimal color 5177166 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 5177166 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 5177166 Background



This preview shows how black text looks on a background with the Decimal color 5177166.

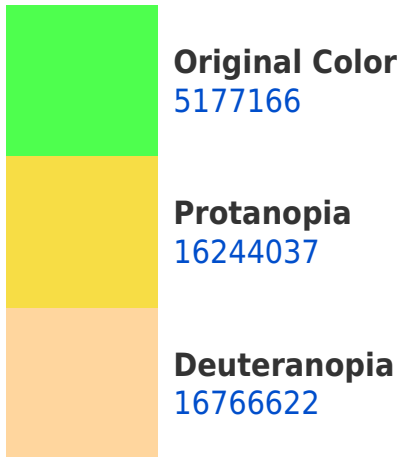


This preview shows how white text looks on a background with the Decimal color 5177166.

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](#).

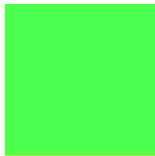
Dichromacy





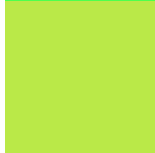
Tritanopia
8973823

Trichromacy



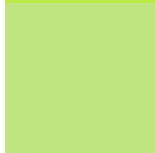
Original Color

5177166



Protanomaly

12249416



Deuteranomaly

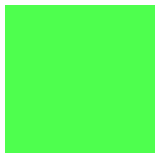
12576129



Tritanomaly

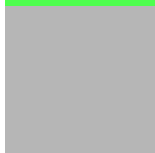
7599295

Monochromacy



Original Color

5177166



Achromatopsia

11974326



Achromatomaly

9490832

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5177166 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 #4EFF4E looks like.

```
.text, #text, p{  
    color:#4EFF4E  
}
```

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 #4EFF4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EFF4E
}
```

Border

The CSS property to change the border of an element to Decimal 5177166 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
#4EFF4E }
```

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

```
.border{ border-color:#4EFF4E }
```

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

Here you see how a box with a 4 pixel #4EFF4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EFF4E; -webkit-box-shadow:4px 4px  
4px 4px #4EFF4E; box-shadow:4px 4px 4px  
4px #4EFF4E }
```

Background

The CSS property to change the background color of an element to Decimal 5177166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EFF4E }
```

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

```
.background{ background-color:#4EFF4E }
```

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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