

Converting Colors

Decimal(5175609)

Have a look what the booklet for
Decimal(5175609) contains.

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Color

Decimal(5175609)

Conversions

Conversions Part 1

Format	Color
Hex	4EF939
RGB	78, 249, 57
RGB Percent	31%, 98%, 22%
CMY	0.6941, 0.0235, 0.7765
CMYK	0.69, 0.00, 0.77, 0.02
HSL	113°, 94%, 60%
HSV	113°, 77%, 98%
XYZ	37.7561, 69.6665, 15.3279
YIQ	175.9830, -40.2840, -95.9640

Conversions

Conversions Part 2

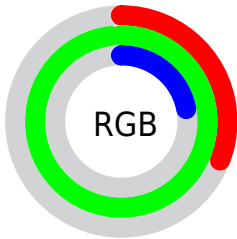
Format	Color
RYB	57, 249, 228
Decimal	5175609
CIELab	86.83, -75.69, 73.26
CIELCh	87, 105.338, 135.937
Yxy	69.6665, 0.3076, 0.5675
Android (android.graphics.Color)	4283365689 (0xFF4EF939)
YUV	175.9830, -58.6586, -85.9311
Hunter-Lab	83.4664, -65.3217, 47.5384

Details

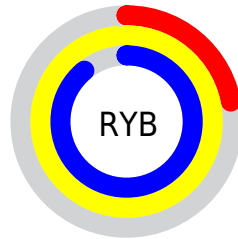
The Decimal color **5175609** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **14957049**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **9764726**, and **48896** is the 20% darker color. If you saturate the color by 10%, you get **3733792**, and if you desaturate by 10%, it is **6617426**.

Distribution



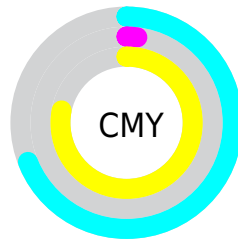
- Red (31%)
- Green (98%)
- Blue (22%)



- Red (22%)
- Yellow (98%)
- Blue (89%)



- Cyan (69%)
- Magenta (0%)
- Yellow (77%)
- Black (2%)



- Cyan (69%)
- Magenta (2%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5175609 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 5175609 by changing the saturation by 10% instead.

■ 5175609

■ 5175609

16777215

■ 1629197

■ 9764726

■ 48896

■ 11861906

■ 41728

■ 13959087

■ 34560

■ 16056269

■ 27648

■ 16777194

■ 20992

■ 14848

■ 8192

■ 0

 5175609

 5175609

 3733792

 6617426

 2291975

 8059243

 1833216

 9566596

 11008413

 12450229

 13892046

 15333863

 16775679

Harmonies

Analogous

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



13886720



5175609



65445

Triad

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



5175609



62463



16738217

Complementary

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



5175609



14957049

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.



16740351



5175609



4445183

Square

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



5175609



65535



16753663



16749641

Rectangle

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



5175609



65515



16753663



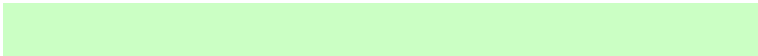
16736714

Sweetspot

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



5175609



13369284



16376633



6324316



0



8421504

Same Dimension

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



5175609



2948882



3799427



7503216



1424640



474368

Inverse Universe

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



14957049



15012607



16333231



8155261



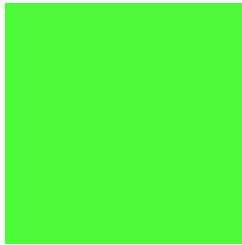
11010237



3604541

Previews

White Background



This preview shows how the Decimal color 5175609 looks on a white background.

Color Contrast Check

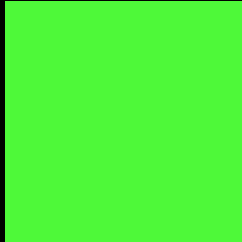
Large Text (above 18pt) WCAG AA × Fail

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 5175609 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

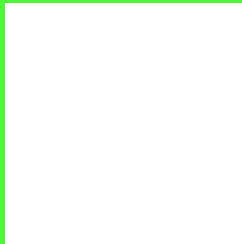
Any Text WCAG AAA ✓ Pass

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

Decimal 5175609 Background



This preview shows how black text looks on a background with the Decimal color 5175609.

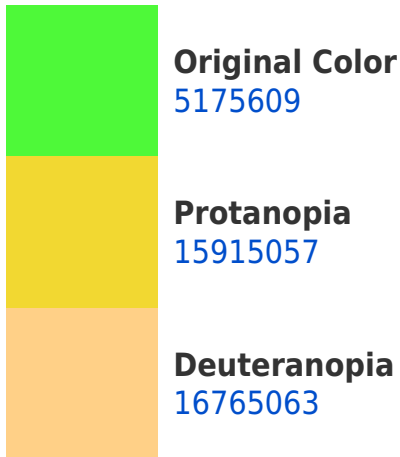


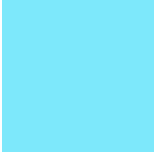
This preview shows how white text looks on a background with the Decimal color 5175609.

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](#).

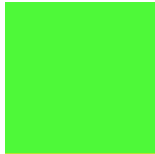
Dichromacy





Tritanopia
8251643

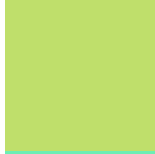
Trichromacy



Original Color
5175609



Protanomaly
11985972

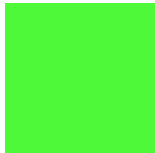


Deuteranomaly
12574571

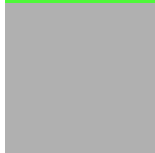


Tritanomaly
7138996

Monochromacy



Original Color
5175609



Achromatopsia
11579568



Achromatomaly
9227141

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5175609 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 #4EF939 looks like.

```
.text, #text, p{  
    color:#4EF939  
}
```

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 #4EF939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EF939
}
```

Border

The CSS property to change the border of an element to Decimal 5175609 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".

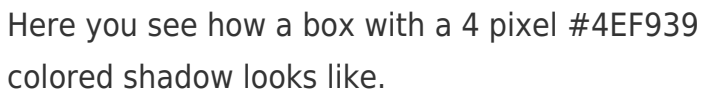
```
.border, #border, table{ border:4px solid
#4EF939 }
```

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

```
.border{ border-color:#4EF939 }
```

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

Here you see how a box with a 4 pixel #4EF939 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EF939; -webkit-box-shadow:4px 4px  
4px 4px #4EF939; box-shadow:4px 4px 4px  
4px #4EF939 }
```

Background

The CSS property to change the background color of an element to Decimal 5175609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EF939 }
```

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

```
.background{ background-color:#4EF939 }
```

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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