

Converting Colors

Decimal(4783429)

Have a look what the booklet for
Decimal(4783429) contains.

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Color

Decimal(4783429)

Conversions

Conversions Part 1

Format	Color
Hex	48FD45
RGB	72, 253, 69
RGB Percent	28%, 99%, 27%
CMY	0.7176, 0.0078, 0.7294
CMYK	0.72, 0.00, 0.73, 0.01
HSL	119°, 98%, 63%
HSV	119°, 73%, 99%
XYZ	38.8719, 72.0579, 17.4900
YIQ	177.9050, -48.8120, -95.5960

Conversions

Conversions Part 2

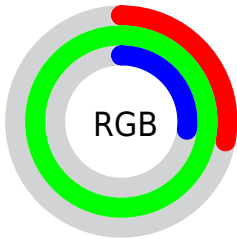
Format	Color
RYB	69, 253, 250
Decimal	4783429
CIELab	88.00, -77.12, 70.58
CIELCh	88, 104.547, 137.534
Yxy	72.0579, 0.3027, 0.5611
Android (android.graphics.Color)	4282973509 (0xFF48FD45)
YUV	177.9050, -53.6902, -92.8787
Hunter-Lab	84.8870, -66.8124, 47.2048

Details

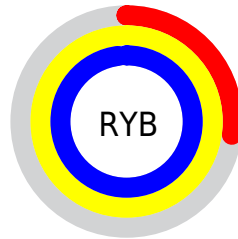
The Decimal color **4783429** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **16401917**, and the grayscale version is **11711154**.

A 20% lighter version of the original color is **9502591**, and **49920** is the 20% darker color. If you saturate the color by 10%, you get **3145004**, and if you desaturate by 10%, it is **6421854**.

Distribution



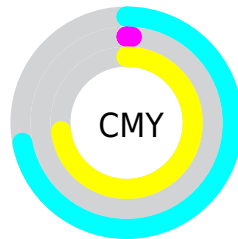
- Red (28%)
- Green (99%)
- Blue (27%)



- Red (27%)
- Yellow (99%)
- Blue (98%)



- Cyan (72%)
- Magenta (0%)
- Yellow (73%)
- Black (1%)



- Cyan (72%)
- Magenta (1%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4783429 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 4783429 by changing the saturation by 10% instead.

 4783429

 4783429

16777215

 57379

 9502591

 49920

 11665308

 42496

 13762489

 35584

 15859670

 28672

 16777204

 21760

 15616

 8960

 0

■ 4783429

■ 4783429

■ 3145004

■ 6421854

■ 1506578

■ 8060280

■ 326912

■ 9698705

■ 11337130

■ 12910020

■ 14548445

■ 16186870

■ 16776703

Harmonies

Analogous

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



13822464



4783429



65454

Triad

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



4783429



62975



16740263

Complementary

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



4783429



16401917

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.



16741375



4783429



6870271

Square

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



4783429



65535



16753919



16751432

Rectangle

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



4783429



65524



16753919



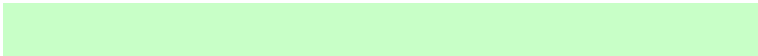
16738504

Sweetspot

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



4783429



13172679



16644677



6258782



0



8421504

Same Dimension

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



4783429



2490145



4586910



7569523



245504



81920

Inverse Universe

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



16401917



16458239



16598436



8352640



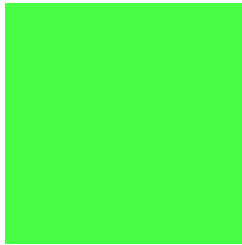
12320959



4128832

Previews

White Background



This preview shows how the Decimal color 4783429 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 4783429 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 4783429 Background



This preview shows how black text looks on a background with the Decimal color 4783429.

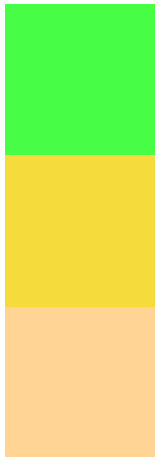


This preview shows how white text looks on a background with the Decimal color 4783429.

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
4783429

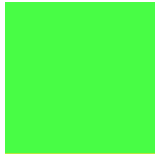
Protanopia
16112444

Deuteranopia
16766101



Tritanopia
8121599

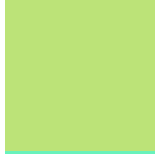
Trichromacy



Original Color
4783429



Protanomaly
11986751

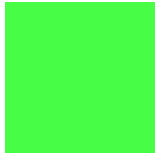


Deuteranomaly
12379000



Tritanomaly
6877883

Monochromacy



Original Color
4783429



Achromatopsia
11711154



Achromatomaly
9162122

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4783429 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 #48FD45 looks like.

```
.text, #text, p{  
    color:#48FD45  
}
```

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 #48FD45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48FD45
}
```

Border

The CSS property to change the border of an element to Decimal 4783429 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
#48FD45 }
```

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

```
.border{ border-color:#48FD45 }
```

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

Here you see how a box with a 4 pixel #48FD45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48FD45; -webkit-box-shadow:4px 4px  
4px 4px #48FD45; box-shadow:4px 4px 4px  
4px #48FD45 }
```

Background

The CSS property to change the background color of an element to Decimal 4783429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48FD45 }
```

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

```
.background{ background-color:#48FD45 }
```

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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