

Converting Colors

Decimal(8584979)

Have a look what the booklet for
Decimal(8584979) contains.

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Color

Decimal(8584979)

Conversions

Conversions Part 1

Format	Color
Hex	82FF13
RGB	130, 255, 19
RGB Percent	51%, 100%, 7%
CMY	0.4902, 0.0000, 0.9255
CMYK	0.49, 0.00, 0.93, 0.00
HSL	92°, 100%, 54%
HSV	92°, 93%, 100%
XYZ	45.0835, 76.3128, 12.9698
YIQ	190.7210, 1.2560, -99.8960

Conversions

Conversions Part 2

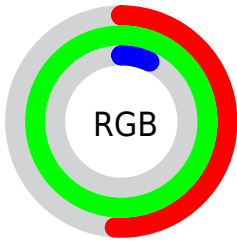
Format	Color
R _Y B	19, 255, 144
Decimal	8584979
CIE Lab	90.00, -66.98, 84.36
CIE LCh	90, 107.715, 128.447
Yxy	76.3128, 0.3355, 0.5679
Android (android.graphics.Color)	4286775059 (0xFF82FF13)
YUV	190.7210, -84.6585, -53.2523
Hunter-Lab	87.3572, -60.7546, 52.3474

Details

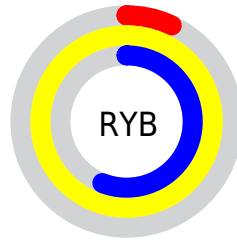
The Decimal color **8584979** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle washed chartreuse. A complement of this color would be **9442303**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **12713826**, and **4048128** is the 20% darker color. If you saturate the color by 10%, you get **7929600**, and if you desaturate by 10%, it is **9502509**.

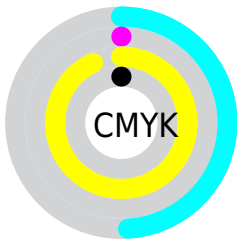
Distribution



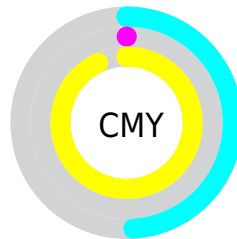
- Red (51%)
- Green (100%)
- Blue (7%)



- Red (7%)
- Yellow (100%)
- Blue (56%)



- Cyan (49%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8584979 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 8584979 by changing the saturation by 10% instead.

 8584979	 8584979
 16777215	 6414848
 12713826	 4048128
 14745472	 43264
 16777118	 36352
 16777148	 29440
 16777178	 22784
 16777208	 16384
	 10240
	 0

■ 8584979

■ 8584979

■ 7929600

■ 9502509

■ 10354502

■ 11272032

■ 12124025

■ 13041555

■ 13893548

■ 14811078

■ 15663071

■ 16580601

Harmonies

Analogous

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



16115456



8584979



65426

Triad

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



8584979



65535



16738506

Complementary

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



8584979



9442303

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.



16744959



8584979



59135

Square

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



8584979



65535



16759039



16748135

Rectangle

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



8584979



65498



16759039



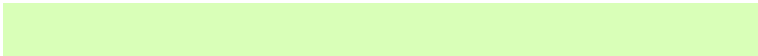
16738796

Sweetspot

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



8584979



14286776



16747795



6914132



0



8421504

Same Dimension

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



8584979



7929600



1310487



7962739



5947136



1982464

Inverse Universe

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



9442303



8847615



16716795



8024960



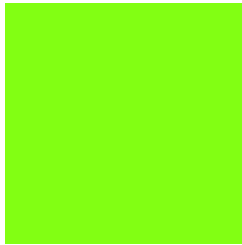
6619327



2228288

Previews

White Background



This preview shows how the Decimal color 8584979 looks on a white background.

Color Contrast Check

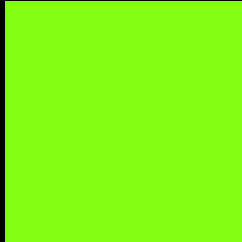
Large Text (above 18pt) WCAG AA × Fail

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 8584979 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 8584979 Background



This preview shows how black text looks on a background with the Decimal color 8584979.



This preview shows how white text looks on a background with the Decimal color 8584979.

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
8584979

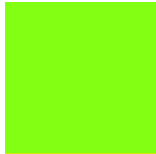
Protanopia
16703744

Deuteranopia
16767913



Tritanopia
10939903

Trichromacy



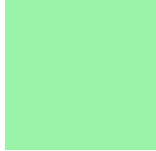
Original Color
8584979



Protanomaly
13757447

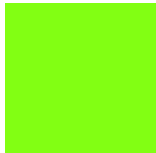


Deuteranomaly
13822066

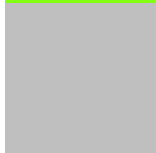


Tritanomaly
10089641

Monochromacy



Original Color
8584979



Achromatopsia
12566463



Achromatomaly
11130496

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8584979 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 #82FF13 looks like.

```
.text, #text, p{  
    color:#82FF13  
}
```

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 #82FF13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FF13
}
```

Border

The CSS property to change the border of an element to Decimal 8584979 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
#82FF13 }
```

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

```
.border{ border-color:#82FF13 }
```

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

Here you see how a box with a 4 pixel #82FF13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FF13; -webkit-box-shadow:4px 4px  
4px 4px #82FF13; box-shadow:4px 4px 4px  
4px #82FF13 }
```

Background

The CSS property to change the background color of an element to Decimal 8584979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FF13 }
```

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

```
.background{ background-color:#82FF13 }
```

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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