

Converting Colors

Decimal(8449833)

Have a look what the booklet for
Decimal(8449833) contains.

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Color

Decimal(8449833)

Conversions

Conversions Part 1

Format	Color
Hex	80EF29
RGB	128, 239, 41
RGB Percent	50%, 94%, 16%
CMY	0.4980, 0.0627, 0.8392
CMYK	0.46, 0.00, 0.83, 0.06
HSL	94°, 86%, 55%
HSV	94°, 83%, 94%
XYZ	40.1688, 66.4823, 12.8131
YIQ	183.2390, -2.5980, -85.1100

Conversions

Conversions Part 2

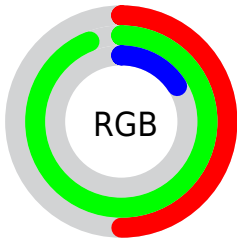
Format	Color
RYB	41, 239, 152
Decimal	8449833
CIELab	85.24, -61.17, 76.55
CIELCh	85, 97.984, 128.627
Yxy	66.4823, 0.3362, 0.5565
Android (android.graphics.Color)	4286639913 (0xFF80EF29)
YUV	183.2390, -70.1238, -48.4446
Hunter-Lab	81.5367, -54.7516, 47.7586

Details

The Decimal color **8449833** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **9972207**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **12451690**, and **4175360** is the 20% darker color. If you saturate the color by 10%, you get **7597841**, and if you desaturate by 10%, it is **9301825**.

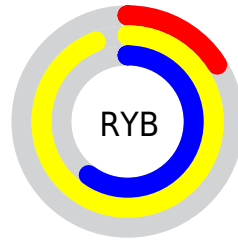
Distribution



Red (50%)

Green (94%)

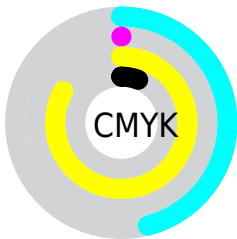
Blue (16%)



Red (16%)

Yellow (94%)

Blue (60%)

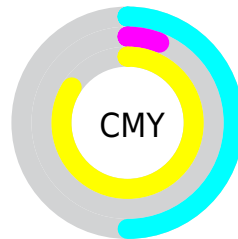


Cyan (46%)

Magenta (0%)

Yellow (83%)

Black (6%)



Cyan (50%)

Magenta (6%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8449833 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 8449833 by changing the saturation by 10% instead.

 8449833

 8449833

16777215

 6410752

 12451690

 4175360

 14417799

 826112

 16449444

 32768

 16777153

 26112

 16777183

 19456

16777213

 13568

 6912

 0

■ 8449833

■ 8449833

■ 7597841

■ 9301825

■ 6942464

■ 10219353

■ 11071345

■ 11988873

■ 12840864

■ 13692856

■ 14610384

■ 15462376

■ 16379903

Harmonies

Analogous

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



15128832



8449833



64141

Triad

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



8449833



61951



16739774

Complementary

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



8449833



9972207

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.



16744703



8449833



55551

Square

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



8449833



64767



16297983



16747621

Rectangle

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



8449833



65230



16297983



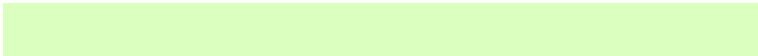
16739805

Sweetspot

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



8449833



14417855



15701545



6979673



0



8421504

Same Dimension

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



8449833



7470851



2748211



7436396



5355520



1652736

Inverse Universe

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



9972207



9438207



15673829



7564408



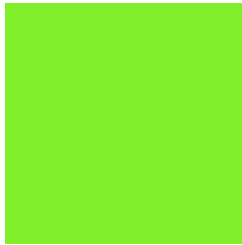
6750392



2031672

Previews

White Background



This preview shows how the Decimal color 8449833 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 8449833 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 8449833 Background



This preview shows how black text looks on a background with the Decimal color 8449833.



This preview shows how white text looks on a background with the Decimal color 8449833.

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
10346224

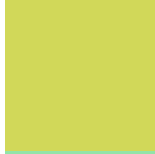
Trichromacy



Original Color
8449833



Protanomaly
13032997



Deuteranomaly
13752409

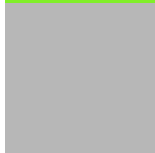


Tritanomaly
9626792

Monochromacy



Original Color
8449833



Achromatopsia
12040119



Achromatomaly
10734467

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8449833 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 #80EF29 looks like.

```
.text, #text, p{  
  color:#80EF29  
}
```

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 #80EF29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80EF29
}
```

Border

The CSS property to change the border of an element to Decimal 8449833 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
#80EF29 }
```

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

```
.border{ border-color:#80EF29 }
```

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

Here you see how a box with a 4 pixel #80EF29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80EF29; -webkit-box-shadow:4px 4px  
4px 4px #80EF29; box-shadow:4px 4px 4px  
4px #80EF29 }
```

Background

The CSS property to change the background color of an element to Decimal 8449833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80EF29 }
```

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

```
.background{ background-color:#80EF29 }
```

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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