

Converting Colors

Decimal(8317002)

Have a look what the booklet for
Decimal(8317002) contains.

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Color

Decimal(8317002)

Conversions

Conversions Part 1

Format	Color
Hex	7EE84A
RGB	126, 232, 74
RGB Percent	49%, 91%, 29%
CMY	0.5059, 0.0902, 0.7098
CMYK	0.46, 0.00, 0.68, 0.09
HSL	100°, 77%, 60%
HSV	100°, 68%, 91%
XYZ	38.6968, 62.6433, 16.5304
YIQ	182.2940, -12.4580, -71.6100

Conversions

Conversions Part 2

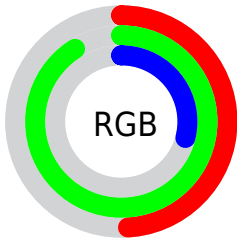
Format	Color
RYB	74, 232, 180
Decimal	8317002
CIELab	83.25, -57.24, 64.43
CIELCh	83, 86.187, 131.616
Yxy	62.6433, 0.3283, 0.5315
Android (android.graphics.Color)	4286507082 (0xFF7EE84A)
YUV	182.2940, -53.3889, -49.3698
Hunter-Lab	79.1475, -51.2358, 43.0202

Details

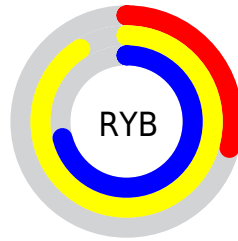
The Decimal color **8317002** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **11815656**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **12189570**, and **4239104** is the 20% darker color. If you saturate the color by 10%, you get **7268403**, and if you desaturate by 10%, it is **9365601**.

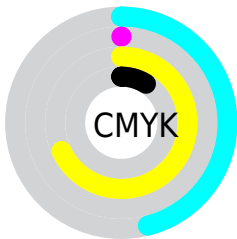
Distribution



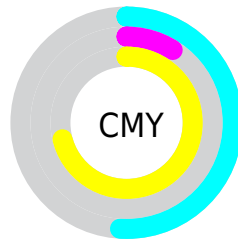
- Red (49%)
- Green (91%)
- Blue (29%)



- Red (29%)
- Yellow (91%)
- Blue (71%)



- Cyan (46%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)




















- Cyan (51%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8317002 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 8317002 by changing the saturation by 10% instead.

 8317002	 8317002
 16777215	 6343468
 12189570	 4239104
 14155678	 1414144
 16187323	 31232
 16777176	 24576
 16777205	 18176
	 12288
	 5120
	 0

 8317002

 8317002

 7268403

 9365601

 6285340

 10348664

 5236740

 11397264

 5040128

 12380327

 13428926

 14411989

 15460588

 16509183

 16771327

Harmonies

Analogous

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



14276096



8317002



62105

Triad

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



8317002



59135



16743859

Complementary

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



8317002



11815656

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.



16746495



8317002



5230335

Square

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



8317002



62207



16493567



16750183

Rectangle

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



8317002



62930



16493567



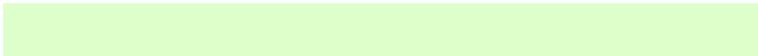
16743630

Sweetspot

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



8317002



14548940



15250250



7045217



0



8421504

Same Dimension

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



8317002



7601966



4909156



7041895



3912448



1127168

Inverse Universe

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



11815656



12201727



15223502



7300979



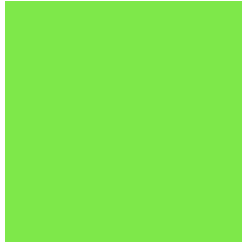
7864499



2228275

Previews

White Background



This preview shows how the Decimal color 8317002 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 8317002 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 8317002 Background



This preview shows how black text looks on a background with the Decimal color 8317002.

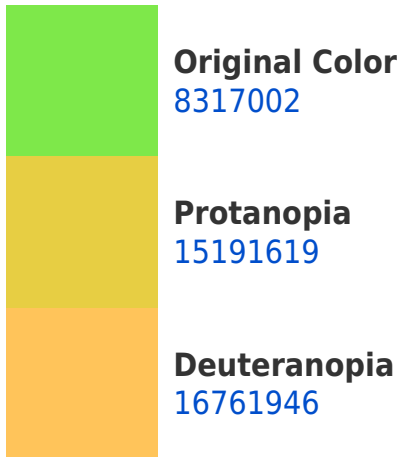


This preview shows how white text looks on a background with the Decimal color 8317002.

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
10082794

Trichromacy



Original Color
8317002



Protanomaly
12703558



Deuteranomaly
13685076



Tritanomaly
9428656

Monochromacy



Original Color
8317002



Achromatopsia
11974326



Achromatomaly
10668175

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8317002 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 #7EE84A looks like.

```
.text, #text, p{  
    color:#7EE84A  
}
```

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 #7EE84A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7EE84A
}
```

Border

The CSS property to change the border of an element to Decimal 8317002 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
#7EE84A }
```

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

```
.border{ border-color:#7EE84A }
```

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

Here you see how a box with a 4 pixel #7EE84A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7EE84A; -webkit-box-shadow:4px 4px  
4px 4px #7EE84A; box-shadow:4px 4px 4px  
4px #7EE84A }
```

Background

The CSS property to change the background color of an element to Decimal 8317002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7EE84A }
```

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

```
.background{ background-color:#7EE84A }
```

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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