

Converting Colors

Decimal(8255513)

Have a look what the booklet for
Decimal(8255513) contains.

| | |
|--|----|
| Decimal(8255513) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(8255513)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7DF819 |
| RGB | 125, 248, 25 |
| RGB Percent | 49%, 97%, 10% |
| CMY | 0.5098, 0.0275, 0.9020 |
| CMYK | 0.50, 0.00, 0.90, 0.03 |
| HSL | 93°, 94%, 54% |
| HSV | 93°, 90%, 97% |
| XYZ | 42.2003, 71.5650, 12.5089 |
| YIQ | 185.8010, -1.7250, -95.4290 |

Conversions

Conversions Part 2

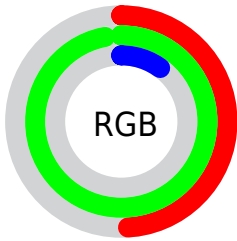
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 25, 248, 148 |
| Decimal | 8255513 |
| CIE Lab | 87.76, -65.79, 81.67 |
| CIE LCh | 88, 104.874, 128.856 |
| Yxy | 71.5650, 0.3342, 0.5667 |
| Android (android.graphics.Color) | 4286445593 (0xFF7DF819) |
| YUV | 185.8010, -79.2749, -53.3225 |
| Hunter-Lab | 84.5961, -58.9993, 50.4502 |

Details

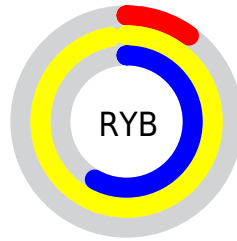
The Decimal color **8255513** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **9705976**, and the grayscale version is **12303291**.

A 20% lighter version of the original color is **12320611**, and **3653376** is the 20% darker color. If you saturate the color by 10%, you get **7337984**, and if you desaturate by 10%, it is **9173042**.

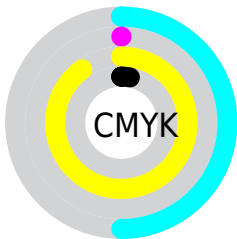
Distribution



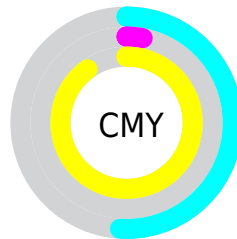
- Red (49%)
- Green (97%)
- Blue (10%)



- Red (10%)
- Yellow (97%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (90%)
- Black (3%)



- Cyan (51%)
- Magenta (3%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8255513 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 8255513 by changing the saturation by 10% instead.

 8255513

 8255513

16777215

 6085376

 12320611

 3653376

 14352257

 41728

 16383902

 34560

 16777148

 27904

 16777178

 21248

 16777208

 15104

 8704

 0

■ 8255513

■ 8255513

■ 7337984

■ 9173042

■ 10025035

■ 10942563

■ 11860092

■ 12712085

■ 13629614

■ 14547143

■ 15399135

■ 16316664

Harmonies

Analogous

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



15589632



8255513



65423

Triad

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



8255513



64255



16738243

Complementary

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



8255513



9705976

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.



16744191



8255513



57343

Square

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



825513



65535



16757503



16747619

Rectangle

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



8255513



65493



16757503



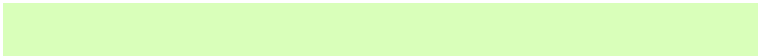
16738276

Sweetspot

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



8255513



14286778



16290841



6914135



0



8421504

Same Dimension

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



8255513



7536384



1701924



7765360



5618944



1785088

Inverse Universe

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



9705976



9240831



16259565



7827581



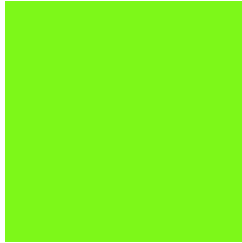
6815933



2228285

Previews

White Background



This preview shows how the Decimal color 825513 looks on a white background.

Color Contrast Check

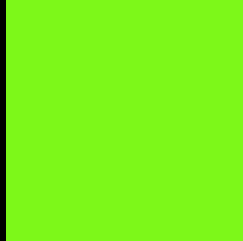
Large Text (above 18pt) WCAG AA × Fail

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 8255513 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

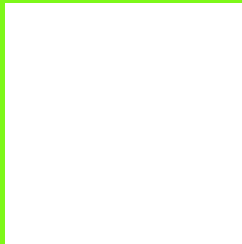
Any Text WCAG AAA ✓ Pass

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

Decimal 825513 Background



This preview shows how black text looks on a background with the Decimal color 825513.



This preview shows how white text looks on a background with the Decimal color 825513.

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
8255513

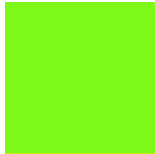
Protanopia
16177930

Deuteranopia
16766098



Tritanopia
10414073

Trichromacy



Original Color
8255513



Protanomaly
13297167



Deuteranomaly
13689190

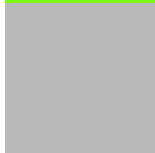


Tritanomaly
9629096

Monochromacy



Original Color
8255513



Achromatopsia
12237498



Achromatomaly
10801535

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8255513 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 #7DF819 looks like.

```
.text, #text, p{  
    color:#7DF819  
}
```

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 #7DF819 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DF819
}
```

Border

The CSS property to change the border of an element to Decimal 8255513 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
#7DF819 }
```

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

```
.border{ border-color:#7DF819 }
```

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

Here you see how a box with a 4 pixel #7DF819 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DF819; -webkit-box-shadow:4px 4px  
4px 4px #7DF819; box-shadow:4px 4px 4px  
4px #7DF819 }
```

Background

The CSS property to change the background color of an element to Decimal 8255513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DF819 }
```

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

```
.background{ background-color:#7DF819 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor