

Converting Colors

Decimal(7798619)

Have a look what the booklet for
Decimal(7798619) contains.

Decimal(7798619)	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(7798619)

Conversions

Conversions Part 1

Format	Color
Hex	76FF5B
RGB	118, 255, 91
RGB Percent	46%, 100%, 36%
CMY	0.5373, 0.0000, 0.6431
CMYK	0.54, 0.00, 0.64, 0.00
HSL	110°, 100%, 68%
HSV	110°, 64%, 100%
XYZ	45.1195, 76.1269, 22.2134
YIQ	195.3410, -29.0080, -80.0480

Conversions

Conversions Part 2

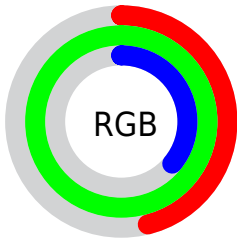
Format	Color
RYB	91, 255, 228
Decimal	7798619
CIELab	89.92, -66.50, 64.88
CIElCh	90, 92.908, 135.707
Yxy	76.1269, 0.3145, 0.5306
Android (android.graphics.Color)	4285988699 (0xFF76FF5B)
YUV	195.3410, -51.4401, -67.8281
Hunter-Lab	87.2507, -60.3819, 45.9807

Details

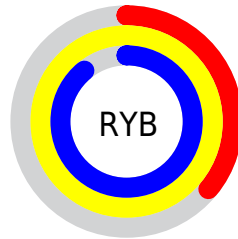
The Decimal color **7798619** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted chartreuse. A complement of this color would be **14965759**, and the grayscale version is **12895428**.

A 20% lighter version of the original color is **11861907**, and **3065117** is the 20% darker color. If you saturate the color by 10%, you get **6422338**, and if you desaturate by 10%, it is **9174901**.

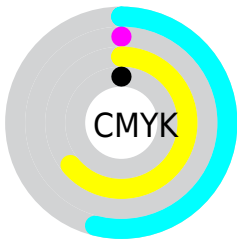
Distribution



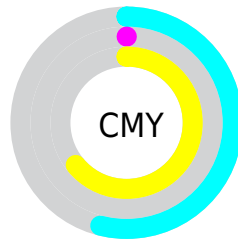
- Red (46%)
- Green (100%)
- Blue (36%)



- Red (36%)
- Yellow (100%)
- Blue (89%)



- Cyan (54%)
- Magenta (0%)
- Yellow (64%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7798619 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 7798619 by changing the saturation by 10% instead.

■ 7798619

■ 7798619

16777215

■ 5628478

■ 11861907

■ 3065117

■ 13893551

■ 43264

■ 15859660

■ 36352

■ 16777194

■ 29440

■ 22784

■ 16384

■ 10240

■ 0

■ 7798619

■ 7798619

■ 6422338

■ 9174901

■ 4980520

■ 10616718

■ 3604239

■ 11993000

■ 2817792

■ 13369281

■ 14811099

■ 16187380

16777215

Harmonies

Analogous

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



14806016



7798619



65459

Triad

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



7798619



63743



16746935

Complementary

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



7798619



14965759

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.



16748543



7798619



8445183

Square

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



7798619



65535



16758271



16754789

Rectangle

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



7798619



65521



16758271



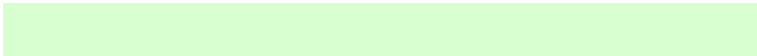
16746197

Sweetspot

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



7798619



14155727



16770139



6783074



0



8421504

Same Dimension

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



7798619



6029115



6029202



7700595



2080512



671744

Inverse Universe

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



14965759



14629887



16735176



8221568



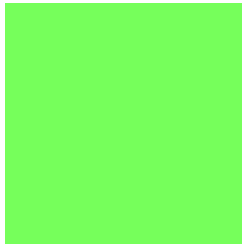
10485951



3473472

Previews

White Background



This preview shows how the Decimal color 7798619 looks on a white background.

Color Contrast Check

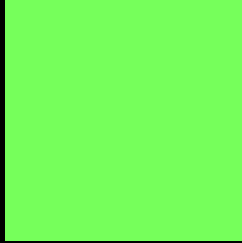
Large Text (above 18pt) WCAG AA × Fail

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 7798619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

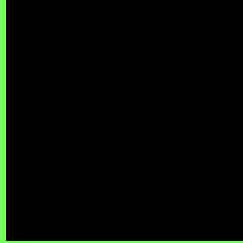
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

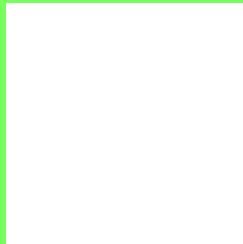
Any Text WCAG AAA ✓ Pass

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

Decimal 7798619 Background



This preview shows how black text looks on a background with the Decimal color 7798619.

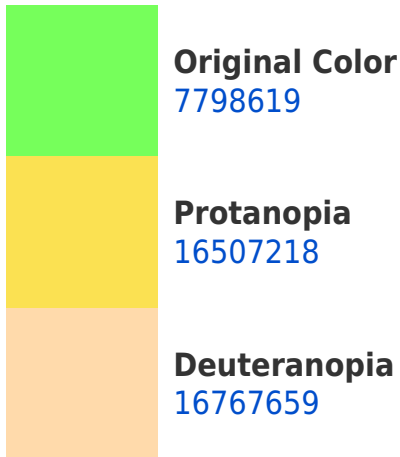



This preview shows how white text looks on a background with the Decimal color 7798619.

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](#).

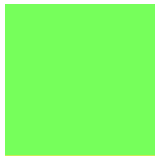
Dichromacy





Tritanopia
10546687

Trichromacy



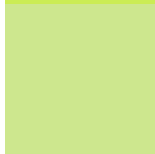
Original Color

7798619



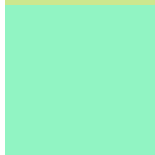
Protanomaly

13364309



Deuteranomaly

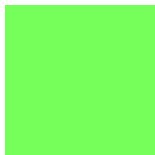
13494158



Tritanomaly

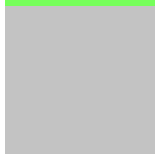
9565379

Monochromacy



Original Color

7798619



Achromatopsia

12829635



Achromatomaly

11000221

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7798619 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 #76FF5B looks like.

```
.text, #text, p{  
    color:#76FF5B  
}
```

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 #76FF5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76FF5B
}
```

Border

The CSS property to change the border of an element to Decimal 7798619 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
#76FF5B }
```

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

```
.border{ border-color:#76FF5B }
```

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

Here you see how a box with a 4 pixel #76FF5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76FF5B; -webkit-box-shadow:4px 4px  
4px 4px #76FF5B; box-shadow:4px 4px 4px  
4px #76FF5B }
```

Background

The CSS property to change the background color of an element to Decimal 7798619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76FF5B }
```

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

```
.background{ background-color:#76FF5B }
```

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