

Converting Colors

Decimal(7863690)

Have a look what the booklet for
Decimal(7863690) contains.

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Color

Decimal(7863690)

Conversions

Conversions Part 1

Format	Color
Hex	77FD8A
RGB	119, 253, 138
RGB Percent	47%, 99%, 54%
CMY	0.5333, 0.0078, 0.4588
CMYK	0.53, 0.00, 0.45, 0.01
HSL	129°, 97%, 73%
HSV	129°, 53%, 99%
XYZ	47.3205, 76.0075, 36.2216
YIQ	199.8240, -42.9490, -64.1730

Conversions

Conversions Part 2

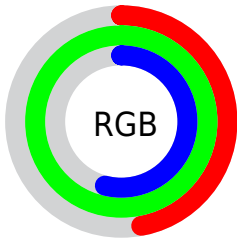
Format	Color
RYB	119, 236, 253
Decimal	7863690
CIELab	89.86, -60.02, 43.94
CIELCh	90, 74.387, 143.791
Yxy	76.0075, 0.2966, 0.4764
Android (android.graphics.Color)	4286053770 (0xFF77FD8A)
YUV	199.8240, -30.4792, -70.8826
Hunter-Lab	87.1823, -55.6834, 36.3944

Details

The Decimal color **7863690** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **16611306**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **11796417**, and **3457878** is the 20% darker color. If you saturate the color by 10%, you get **6225268**, and if you desaturate by 10%, it is **9502112**.

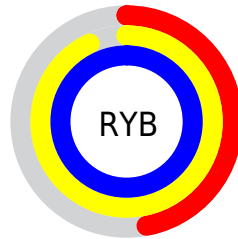
Distribution



Red (47%)

Green (99%)

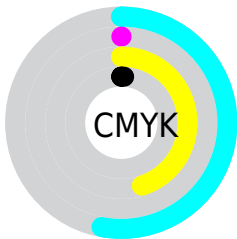
Blue (54%)



Red (47%)

Yellow (93%)

Blue (99%)

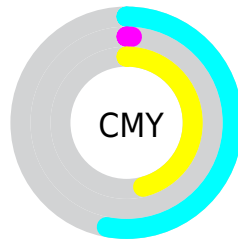


Cyan (53%)

Magenta (0%)

Yellow (45%)

Black (1%)



Cyan (53%)

Magenta (1%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7863690 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 7863690 by changing the saturation by 10% instead.

 7863690

 7863690

16777215

 5824624

 11796417

 3457878

 13762525

 42812

 15794170

 35874

 29185

 22528

 16128

 10240

 0

■ 7863690

■ 7863690

■ 6225268

■ 9502112

■ 4521311

■ 11206069

■ 2882889

■ 12844491

■ 1244467

■ 14482913

■ 64804

■ 16186871

16776703

Harmonies

Analogous

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



13758294



7863690



65488

Triad

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



7863690



61183



16754349

Complementary

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



7863690



16611306

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.



16753652



7863690



13358591

Square

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



7863690



65279



16759039



16760432

Rectangle

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



7863690



65535



16759039



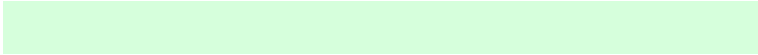
16753348

Sweetspot

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



7863690



14090204



15465847



6783083



0



8421504

Same Dimension

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



7863690



6094707



7863756



7569525



48923



16393

Inverse Universe

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



16611306



16735464



16611240



8418174



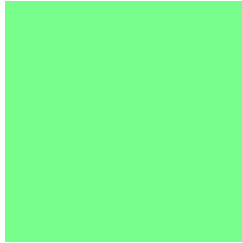
12517540



4194359

Previews

White Background



This preview shows how the Decimal color 7863690 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 7863690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

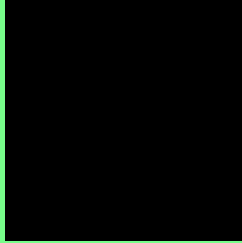
Any Text WCAG AA ✓ Pass

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 7863690 Background



This preview shows how black text looks on a background with the Decimal color 7863690.

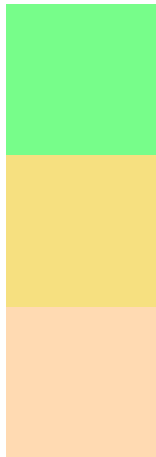


This preview shows how white text looks on a background with the Decimal color 7863690.

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
7863690

Protanopia
16179328

Deuteranopia
16767666



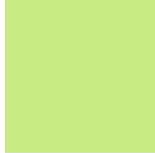
Tritanopia
10415871

Trichromacy



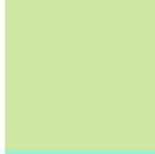
Original Color

7863690



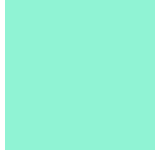
Protanomaly

13167492



Deuteranomaly

13559715



Tritanomaly

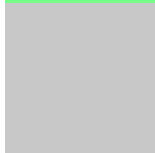
9499604

Monochromacy



Original Color

7863690



Achromatopsia

13158600



Achromatomaly

11262897

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7863690 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 #77FD8A looks like.

```
.text, #text, p{  
    color:#77FD8A  
}
```

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 #77FD8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77FD8A
}
```

Border

The CSS property to change the border of an element to Decimal 7863690 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
#77FD8A }
```

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

```
.border{ border-color:#77FD8A }
```

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

Here you see how a box with a 4 pixel #77FD8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77FD8A; -webkit-box-shadow:4px 4px  
4px 4px #77FD8A; box-shadow:4px 4px 4px  
4px #77FD8A }
```

Background

The CSS property to change the background color of an element to Decimal 7863690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77FD8A }
```

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

```
.background{ background-color:#77FD8A }
```

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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