

# Converting Colors

Hex(77F388)

Have a look what the booklet for  
Hex(77F388) contains.

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# **Color**

**Hex(77F388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77F388
RGB	119, 243, 136
RGB Percent	47%, 95%, 53%
CMY	0.5333, 0.0471, 0.4667
CMYK	0.51, 0.00, 0.44, 0.05
HSL	128°, 84%, 71%
HSV	128°, 51%, 95%
XYZ	44.1023, 69.8007, 34.4410
YIQ	193.7260, -39.5570, -59.5650

# Conversions

## Conversions Part 2

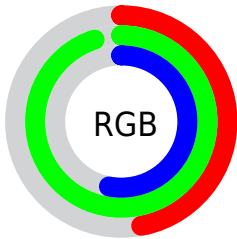
Format	Color
<a href="#">RYB</a>	<a href="#">119, 228, 243</a>
Decimal	<a href="#">7861128</a>
CIELab	<a href="#">86.90, -56.44, 41.14</a>
CIElCh	<a href="#">87, 69.844, 143.911</a>
Yxy	<a href="#">69.8007, 0.2973, 0.4705</a>
Android (android.graphics.Color)	<a href="#">4286051208</a> ( <a href="#">0xFF77F388</a> )
YUV	<a href="#">193.7260, -28.4589, -65.5347</a>
Hunter-Lab	<a href="#">83.5468, -51.9812, 34.0413</a>

# Details

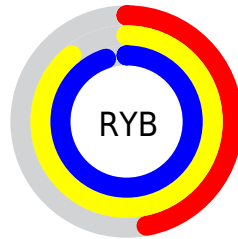
The Hex color **77F388** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F377E2**, and the grayscale version is **C2C2C2**.

A 20% lighter version of the original color is **B2FFBF**, and **37BA54** is the 20% darker color. If you saturate the color by 10%, you get **5FF373**, and if you desaturate by 10%, it is **8FF39D**.

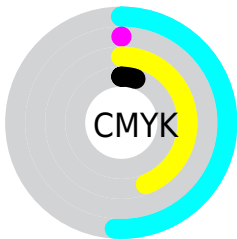
# Distribution



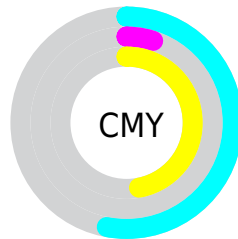
- Red (47%)
- Green (95%)
- Blue (53%)



- Red (47%)
- Yellow (89%)
- Blue (95%)



- Cyan (51%)
- Magenta (0%)
- Yellow (44%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77F388 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 Hex color 77F388 by changing the saturation by 10% instead.



 77F388

 77F388


FFFFFF

 59D66E

 B2FFBF

 37BA54

 D0FFDB

 009E3B

 EEEFF8

 008321

 006903

 005000

 003800

 002000

 000000

 77F388

 77F388

 5FF373

 8FF39D

 46F35E

 A8F3B2

 2EF349

 C0F3C7

 16F334

 D8F3DC

 00F321

 F0F3F1

 FFF3FF

# Harmonies

## Analogous

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



CAE658



77F388



00F9C9

# Triad

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



77F388



00E5FF



FFA3A8

# Complementary

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



77F388



F377E2

# 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.



FFA0EA



77F388



C6CEFF

# Square

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



77F388



00F4FF



FFB2FF



FFB870

# Rectangle

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



77F388



00FAF7



FFB2FF



FF9FBD

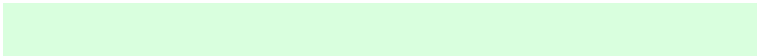


# Sweetspot

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



77F388



D9FFDE



E2F377



69806C



000000



808080



# Same Dimension

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



77F388



63FF79



77F3C6



6E7A70



00BA1A



003B08



# Inverse Universe

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



F377E2



FF63EA



F377A4



7A6E79



BA00A1

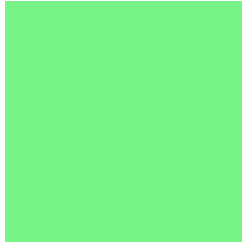


3B0033



# Previews

## White Background



This preview shows how the Hex color 77F388 looks on a white background.

## Color Contrast Check

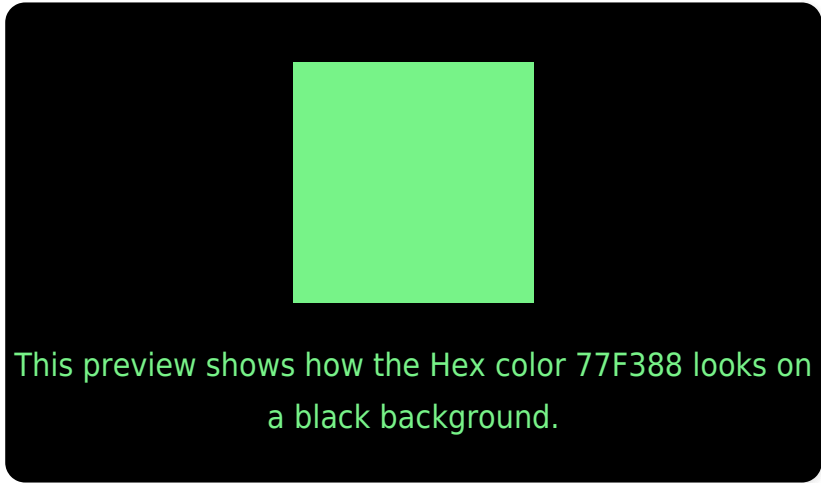
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex 77F388 Background



This preview shows how black text looks on a background with the Hex color 77F388.

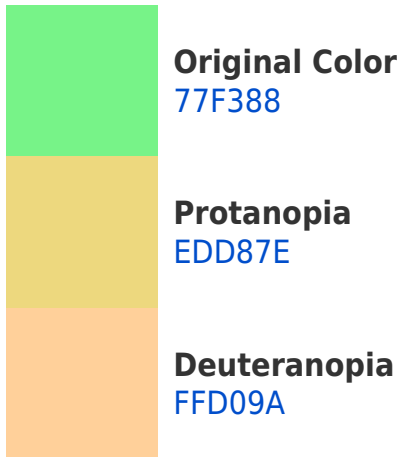


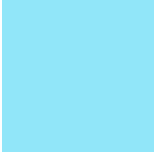
This preview shows how white text looks on a background with the Hex color 77F388.

# 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



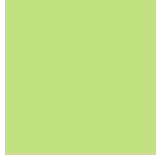


**Tritanopia**  
91E6F9

# Trichromacy



**Original Color**  
77F388



**Protanomaly**  
C2E282



**Deuteranomaly**  
CEDD93



**Tritanomaly**  
88EBD0

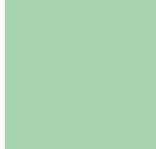
# Monochromacy



**Original Color**  
77F388



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
A7D4AD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77F388 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 #77F388 looks like.

```
.text, #text, p{  
    color:#77F388  
}
```

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 #77F388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F388
}
```

## Border

The CSS property to change the border of an element to Hex 77F388 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
#77F388 }
```

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

```
.border{ border-color:#77F388 }
```

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

Here you see how a box with a 4 pixel #77F388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F388; -webkit-box-shadow:4px 4px  
4px 4px #77F388; box-shadow:4px 4px 4px  
4px #77F388 }
```

# Background

The CSS property to change the background color of an element to Hex 77F388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F388 }
```

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

```
.background{ background-color:#77F388 }
```

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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