

# Converting Colors

Hex(77F599)

Have a look what the booklet for  
Hex(77F599) contains.

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**Color**

**Hex(77F599)**

# Conversions

## Conversions Part 1

Format	Color
Hex	77F599
RGB	119, 245, 153
RGB Percent	47%, 96%, 60%
CMY	0.5333, 0.0392, 0.4000
CMYK	0.51, 0.00, 0.38, 0.04
HSL	136°, 86%, 71%
HSV	136°, 51%, 96%
XYZ	46.0099, 71.5267, 41.5180
YIQ	196.8380, -45.5640, -55.3240

# Conversions

## Conversions Part 2

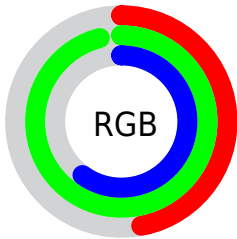
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">119, 218, 245</a>
Decimal	<a href="#">7861657</a>
CIELab	<a href="#">87.74, -54.56, 33.83</a>
CIElCh	<a href="#">88, 64.203, 148.199</a>
Yxy	<a href="#">71.5267, 0.2893, 0.4497</a>
Android (android.graphics.Color)	<a href="#">4286051737 (0xFF77F599)</a>
YUV	<a href="#">196.8380, -21.6121, -68.2639</a>
Hunter-Lab	<a href="#">84.5734, -50.8953, 30.0953</a>

# Details

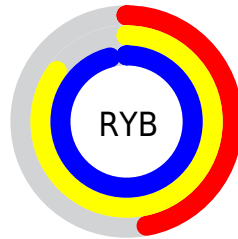
The Hex color **77F599** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F577D3**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **B2FFD0**, and **37BC65** is the 20% darker color. If you saturate the color by 10%, you get **5EF587**, and if you desaturate by 10%, it is **8FF5AB**.

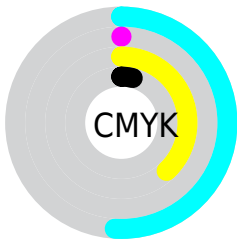
# Distribution



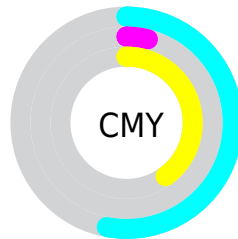
- Red (47%)
- Green (96%)
- Blue (60%)



- Red (47%)
- Yellow (85%)
- Blue (96%)



- Cyan (51%)
- Magenta (0%)
- Yellow (38%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 77F599 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 77F599 by changing the saturation by 10% instead.



 77F599

 77F599

FFFFFF

 59D87F

 B2FFD0

 37BC65

 D0FFED

 00A04C

 EEEFFF

 008534

 006B1C

 005101

 003900

 002200

 000000

 77F599

 77F599

 5EF587

 8FF5AB

 46F575

 A8F5BD

 2DF563

 C0F5CF

 15F551

 D9F5E1

 00F542

 F2F5F2

 FFF5FF

# Harmonies

## Analogous

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



C5E96B



77F599



00FAD6

# Triad

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



77F599



59E4FF



FFADA6

# Complementary

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



77F599



F577D3

# 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.



FFA8E2



77F599



D9CDFF

# Square

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



77F599



00F3FF



FFB6FF



FFC175

# Rectangle

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



77F599



00FBFF



FFB6FF



FFA9B9

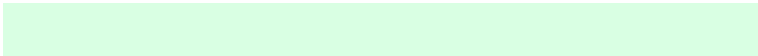


# Sweetspot

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



77F599



D9FFE3



D3F577



69806F



000000



808080



# Same Dimension

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



77F599



61FF8C



77F5D8



6E7A71



00BA32



003B10



# Inverse Universe

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



F577D3



FF61D4



F57794



7A6E77



BA0088

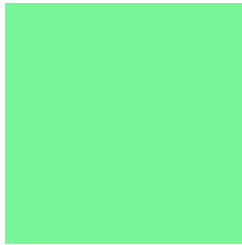


3B002B



# Previews

## White Background



This preview shows how the Hex color 77F599 looks on a white background.

## Color Contrast Check

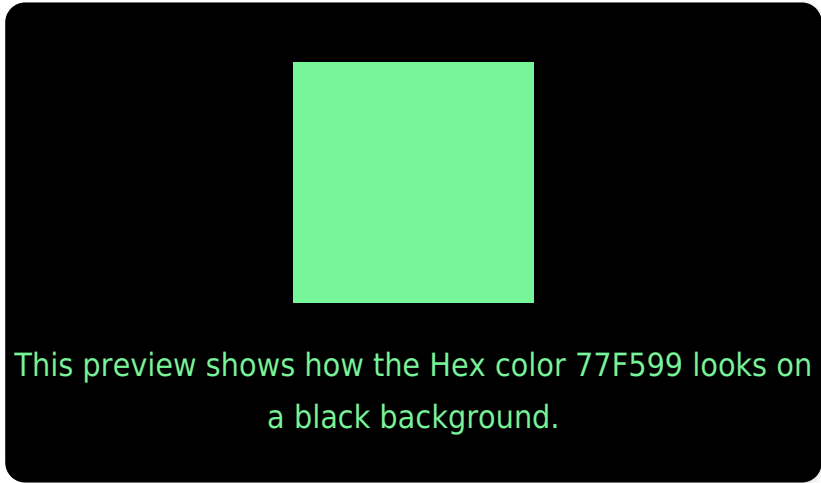
Large Text (above 18pt) WCAG AA × Fail

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

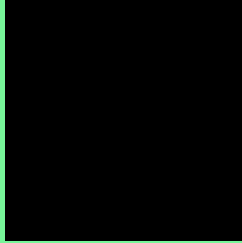
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 77F599 Background



This preview shows how black text looks on a background with the Hex color 77F599.

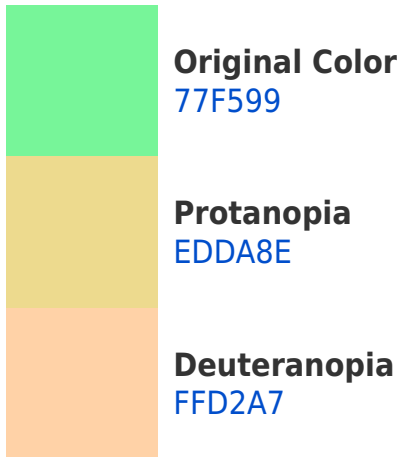


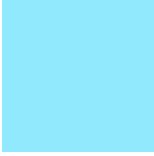
This preview shows how white text looks on a background with the Hex color 77F599.

# 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**  
90E9FC

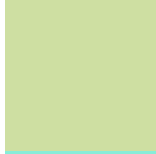
# Trichromacy



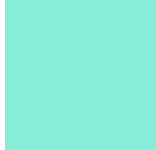
**Original Color**  
77F599



**Protanomaly**  
C2E492

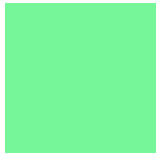


**Deuteranomaly**  
CEDFA2

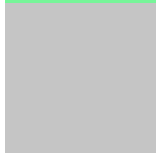


**Tritanomaly**  
87EDD8

# Monochromacy



**Original Color**  
77F599



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
A9D6B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 77F599 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 #77F599 looks like.

```
.text, #text, p{  
    color:#77F599  
}
```

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 #77F599 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #77F599
}
```

## Border

The CSS property to change the border of an element to Hex 77F599 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
#77F599 }
```

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

```
.border{ border-color:#77F599 }
```

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

Here you see how a box with a 4 pixel #77F599 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #77F599; -webkit-box-shadow:4px 4px  
4px 4px #77F599; box-shadow:4px 4px 4px  
4px #77F599 }
```

# Background

The CSS property to change the background color of an element to Hex 77F599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#77F599 }
```

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

```
.background{ background-color:#77F599 }
```

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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