

# Converting Colors

Hex(73F29D)

Have a look what the booklet for  
Hex(73F29D) contains.

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**Color**

**Hex(73F29D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73F29D
RGB	115, 242, 157
RGB Percent	45%, 95%, 62%
CMY	0.5490, 0.0510, 0.3843
CMYK	0.52, 0.00, 0.35, 0.05
HSL	140°, 83%, 70%
HSV	140°, 52%, 95%
XYZ	44.9082, 69.5834, 42.9623
YIQ	194.3370, -48.4070, -53.3590

# Conversions

## Conversions Part 2

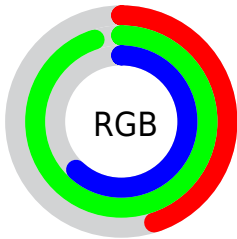
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 210, 242
Decimal	7598749
CIELab	86.79, -53.64, 30.54
CIElCh	87, 61.720, 150.347
Yxy	69.5834, 0.2852, 0.4419
Android (android.graphics.Color)	4285788829 (0xFF73F29D)
YUV	194.3370, -18.4071, -69.5785
Hunter-Lab	83.4167, -49.8820, 27.8554

# Details

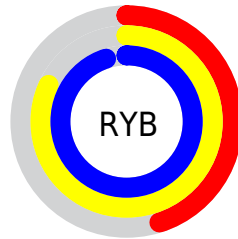
The Hex color **73F29D** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F273C8**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **AEFFD4**, and **32B969** is the 20% darker color. If you saturate the color by 10%, you get **5BF28D**, and if you desaturate by 10%, it is **8BF2AD**.

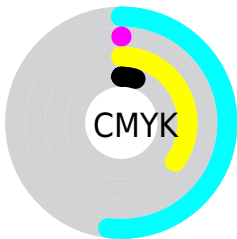
# Distribution



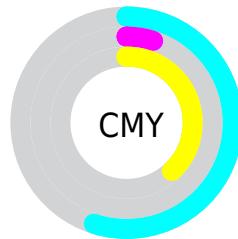
- Red (45%)
- Green (95%)
- Blue (62%)



- Red (45%)
- Yellow (82%)
- Blue (95%)



- Cyan (52%)
- Magenta (0%)
- Yellow (35%)
- Black (5%)



- Cyan (55%)
- Magenta (5%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73F29D 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 73F29D by changing the saturation by 10% instead.



 73F29D

 73F29D

FFFFFF

 54D583

 AEFFD4

 32B969

 CCFFF1

 009D50

 EAFFFF

 008238

 006821

 004F08

 003700

 002000

 000000

 73F29D

 73F29D

 5BF28D

 8BF2AD

 43F27D

 A3F2BD

 2AF26C

 BCF2CE

 12F25C

 D4F2DE

 00F250

 ECF2EE

 FFF2FE

 FFF2FF

# Harmonies

## Analogous

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



BFE770



73F29D



00F7D8

# Triad

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



73F29D



6DDFFF



FFAEA1

# Complementary

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



73F29D



F273C8

# 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.



FFA7DB



73F29D



DECAFF

# Square

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



73F29D



00EEFF



FFB3FF



FFC174

# Rectangle

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



73F29D



00F7FF



FFB3FF



FFAAB4

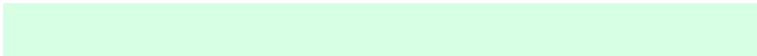


# Sweetspot

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



73F29D



D6FFE4



CAF273



67806F



000000



808080



# Same Dimension

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



73F29D



5EFF93



73F2DB



6C7870



00B83D



003813



# Inverse Universe

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



F273C8



FF5ECA



F2738A



786C74



B8007B

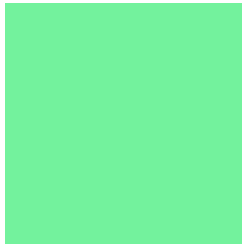


380026



# Previews

## White Background



This preview shows how the Hex color 73F29D 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 Hex color 73F29D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

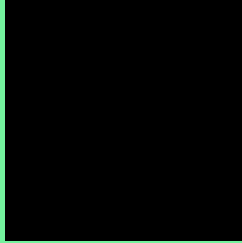
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 73F29D Background



This preview shows how black text looks on a background with the Hex color 73F29D.

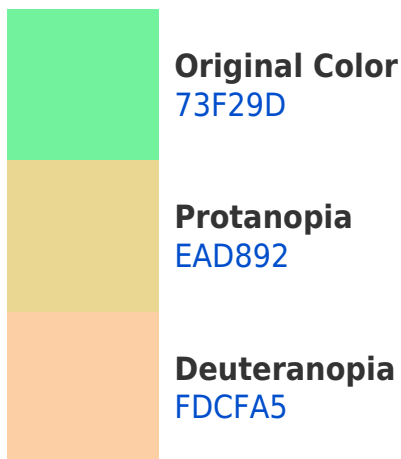


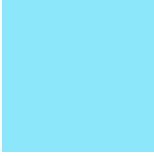
This preview shows how white text looks on a background with the Hex color 73F29D.

# 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**  
8BE7F9

# Trichromacy



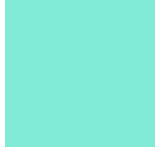
**Original Color**  
73F29D



**Protanomaly**  
BFE196



**Deuteranomaly**  
CBDCA2



**Tritanomaly**  
82EBD8

# Monochromacy



**Original Color**  
73F29D



**Achromatopsia**  
C2C2C2



**Achromatomaly**  
A5D3B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73F29D 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 #73F29D looks like.

```
.text, #text, p{  
    color:#73F29D  
}
```

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 #73F29D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73F29D
}
```

## Border

The CSS property to change the border of an element to Hex 73F29D 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
#73F29D }
```

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

```
.border{ border-color:#73F29D }
```

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

Here you see how a box with a 4 pixel #73F29D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73F29D; -webkit-box-shadow:4px 4px  
4px 4px #73F29D; box-shadow:4px 4px 4px  
4px #73F29D }
```

# Background

The CSS property to change the background color of an element to Hex 73F29D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73F29D }
```

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

```
.background{ background-color:#73F29D }
```

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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