

# Converting Colors

Hex(79F291)

Have a look what the booklet for  
Hex(79F291) contains.

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**Color**

**Hex(79F291)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79F291
RGB	121, 242, 145
RGB Percent	47%, 95%, 57%
CMY	0.5255, 0.0510, 0.4314
CMYK	0.50, 0.00, 0.40, 0.05
HSL	132°, 82%, 71%
HSV	132°, 50%, 95%
XYZ	44.7481, 69.6135, 37.8664
YIQ	194.7630, -40.9790, -55.8190

# Conversions

## Conversions Part 2

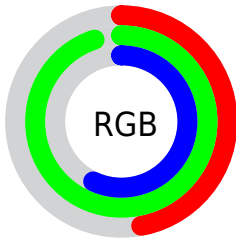
<b>Format</b>	<b>Color</b>
<b>RYB</b>	121, 222, 242
Decimal	7991953
CIELab	86.81, -54.16, 36.61
CIElCh	87, 65.375, 145.947
Yxy	69.6135, 0.2940, 0.4573
Android (android.graphics.Color)	4286182033 (0xFF79F291)
YUV	194.7630, -24.5332, -64.6902
Hunter-Lab	83.4347, -50.2768, 31.4959

# Details

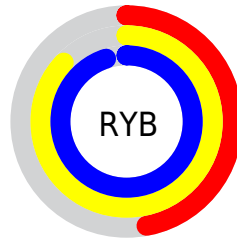
The Hex color **79F291** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F279DA**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **B4FFC8**, and **3BB95D** is the 20% darker color. If you saturate the color by 10%, you get **61F27E**, and if you desaturate by 10%, it is **91F2A4**.

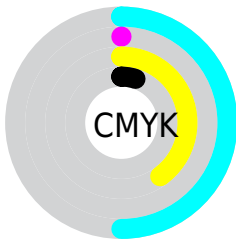
# Distribution



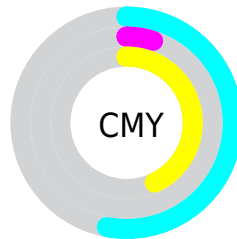
- Red (47%)
- Green (95%)
- Blue (57%)



- Red (47%)
- Yellow (87%)
- Blue (95%)



- Cyan (50%)
- Magenta (0%)
- Yellow (40%)
- Black (5%)



- Cyan (53%)
- Magenta (5%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 79F291 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 79F291 by changing the saturation by 10% instead.



 79F291

 79F291

FFFFFF

 5BD577

 B4FFC8

 3BB95D

 D1FFE4

 0C9D44

 EFFFFFF

 00822C

 006812

 004F00

 003700

 002000

 000000

 79F291

 79F291

 61F27E

 91F2A4

 49F26A

 A9F2B8

 30F257

 C2F2CB

 18F243

 DAF2DF

 00F230

 F2F2F2

 FFF2FF

# Harmonies

## Analogous

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



C7E664



79F291



00F8CF

# Triad

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



79F291



39E3FF



FFA8A7

# Complementary

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



79F291



F279DA

# 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.



FFA4E4



79F291



CFCCFF

# Square

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



79F291



00F1FF



FFB4FF



FFBC74

# Rectangle

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



79F291



00F8F9



FFB4FF



FFA5BB

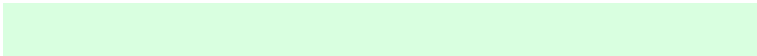


# Sweetspot

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



79F291



D9FFE0



DCF279



69806D



000000



808080



# Same Dimension

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



79F291



66FF84



79F2CC



6C786E



00B824



00380B



# Inverse Universe

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



F279DA



FF66E1



F2799F



786C75



B80093

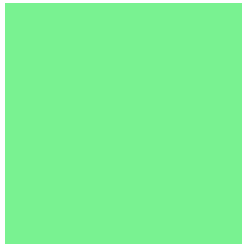


38002D



# Previews

## White Background



This preview shows how the Hex color 79F291 looks on a white background.

## Color Contrast Check

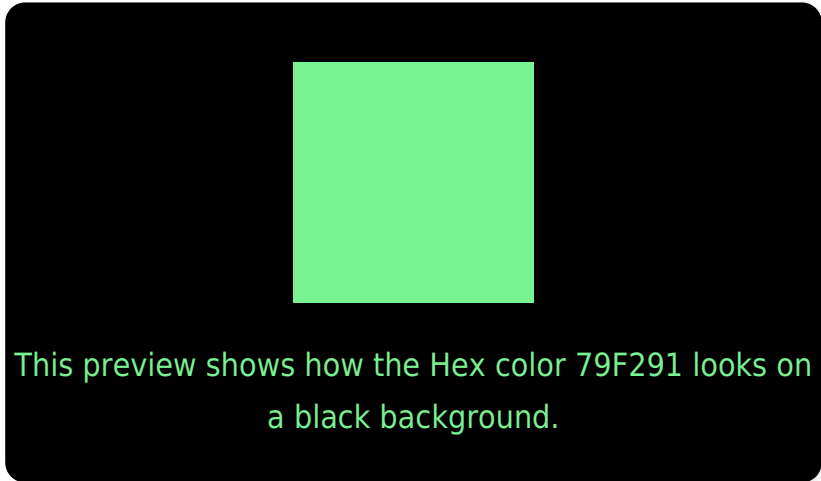
Large Text (above 18pt) WCAG AA × Fail

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

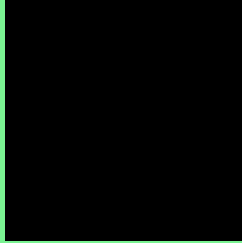
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 79F291 Background



This preview shows how black text looks on a background with the Hex color 79F291.

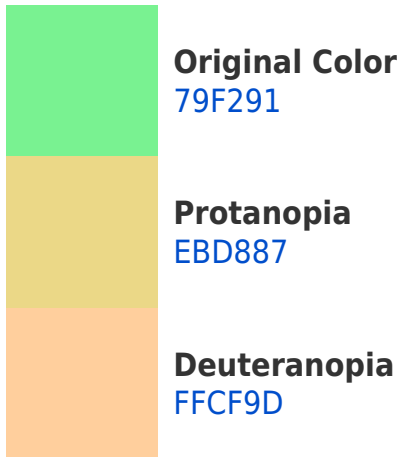


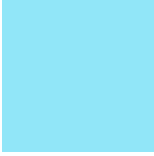
This preview shows how white text looks on a background with the Hex color 79F291.

# 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





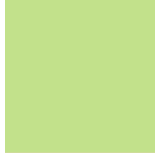
**Tritanopia**  
91E6F8

# Trichromacy



**Original Color**

79F291



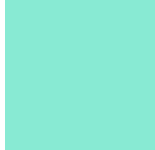
**Protanomaly**

C2E18B



**Deuteranomaly**

CEDC99



**Tritanomaly**

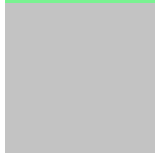
88EAD3

# Monochromacy



**Original Color**

79F291



**Achromatopsia**

C3C3C3



**Achromatomaly**

A8D4B1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 79F291 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 #79F291 looks like.

```
.text, #text, p{  
    color:#79F291  
}
```

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 #79F291 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #79F291
}
```

## Border

The CSS property to change the border of an element to Hex 79F291 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
#79F291 }
```

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

```
.border{ border-color:#79F291 }
```

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

Here you see how a box with a 4 pixel #79F291 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #79F291; -webkit-box-shadow:4px 4px  
4px 4px #79F291; box-shadow:4px 4px 4px  
4px #79F291 }
```

# Background

The CSS property to change the background color of an element to Hex 79F291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#79F291 }
```

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

```
.background{ background-color:#79F291 }
```

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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