

# Converting Colors

Hex(2FE292)

Have a look what the booklet for  
Hex(2FE292) contains.

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**Color**

**Hex(2FE292)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2FE292
RGB	47, 226, 146
RGB Percent	18%, 89%, 57%
CMY	0.8157, 0.1137, 0.4275
CMYK	0.79, 0.00, 0.35, 0.11
HSL	153°, 76%, 54%
HSV	153°, 79%, 89%
XYZ	33.5570, 57.0724, 36.4416
YIQ	163.3590, -81.0040, -62.8280

# Conversions

## Conversions Part 2

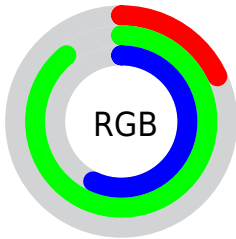
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 162, 226
Decimal	3138194
CIELab	80.22, -61.35, 27.04
CIELCh	80, 67.048, 156.218
Yxy	57.0724, 0.2641, 0.4491
Android (android.graphics.Color)	4281328274 (0xFF2FE292)
YUV	163.3590, -8.5580, -102.0468
Hunter-Lab	75.5463, -52.9179, 24.2824

# Details

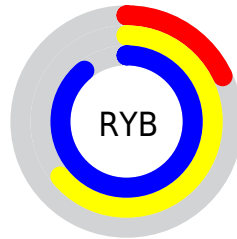
The Hex color **2FE292** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **E22F7F**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7AFFC8**, and **00A95F** is the 20% darker color. If you saturate the color by 10%, you get **18E288**, and if you desaturate by 10%, it is **46E29C**.

# Distribution



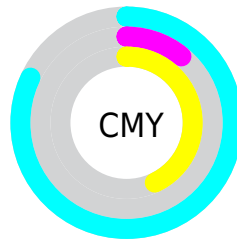
- Red (18%)
- Green (89%)
- Blue (57%)



- Red (18%)
- Yellow (64%)
- Blue (89%)



- Cyan (79%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (82%)
- Magenta (11%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2FE292 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 2FE292 by changing the saturation by 10% instead.



 2FE292

 2FE292

FFFFFF

 00C578

 7AFFC8

 00A95F

 9AFFE5

 008E46

 B9FFFF

 00732F

 D8FFFF

 005918

 F7FFFF

 004000

 002800

 000200

 000000

 2FE292

 2FE292

 18E288

 46E29C

 02E27E

 5CE2A6

 00E27D

 73E2B0

 89E2BA

 A0E2C5

 B7E2CF

 CDE2D9

 E4E2E3

 FAE2ED

# Harmonies

## Analogous

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



9BD85C



2FE292



00E6D3

# Triad

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



2FE292



62CAFF



FF9A80

# Complementary

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



2FE292



E22F7F

# 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.



FF8EBC



2FE292



DBB1FF

# Square

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



2FE292



00DBFF



FF98FB



FFB152

# Rectangle

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



2FE292



00E5FC



FF98FB



FF9493

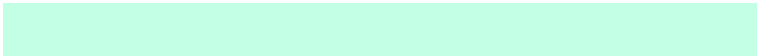


# Sweetspot

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



2FE292



C2FFE4



80E22F



5B806F



000000



808080



# Same Dimension

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



2FE292



0DFF93



2FD9E2



65706B



00B061



00301B



# Inverse Universe

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



E22F7F



FF0D79



E2382F



70656A



B0004F

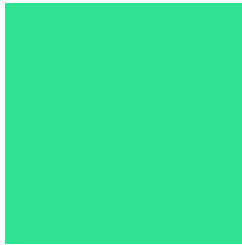


300016



# Previews

## White Background



This preview shows how the Hex color 2FE292 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 2FE292 Background



This preview shows how black text looks on a background with the Hex color 2FE292.

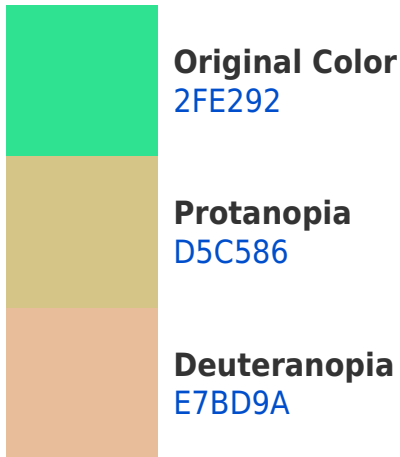


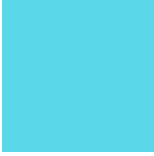
This preview shows how white text looks on a background with the Hex color 2FE292.

# 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**  
5AD7E9

# Trichromacy



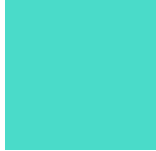
**Original Color**  
2FE292



**Protanomaly**  
99D08A



**Deuteranomaly**  
A4CA97

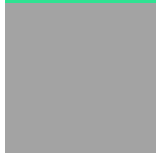


**Tritanomaly**  
4ADBC9

# Monochromacy



**Original Color**  
2FE292



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
79BA9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FE292 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 #2FE292 looks like.

```
.text, #text, p{  
    color:#2FE292  
}
```

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 #2FE292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FE292
}
```

## Border

The CSS property to change the border of an element to Hex 2FE292 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
#2FE292 }
```

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

```
.border{ border-color:#2FE292 }
```

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

Here you see how a box with a 4 pixel #2FE292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FE292; -webkit-box-shadow:4px 4px  
4px 4px #2FE292; box-shadow:4px 4px 4px  
4px #2FE292 }
```

# Background

The CSS property to change the background color of an element to Hex 2FE292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FE292 }
```

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

```
.background{ background-color:#2FE292 }
```

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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