

# Converting Colors

Hex(52FF7D)

Have a look what the booklet for  
Hex(52FF7D) contains.

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**Color**

**Hex(52FF7D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52FF7D
RGB	82, 255, 125
RGB Percent	32%, 100%, 49%
CMY	0.6784, 0.0000, 0.5098
CMYK	0.68, 0.00, 0.51, 0.00
HSL	135°, 100%, 66%
HSV	135°, 68%, 100%
XYZ	42.9413, 74.7945, 31.5756
YIQ	188.4530, -61.3780, -77.1060

# Conversions

## Conversions Part 2

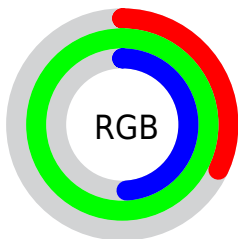
Format	Color
<a href="#">RYB</a>	<a href="#">82, 221, 255</a>
Decimal	<a href="#">5439357</a>
CIELab	<a href="#">89.30, -70.20, 49.16</a>
CIELCh	<a href="#">89, 85.706, 144.996</a>
Yxy	<a href="#">74.7945, 0.2876, 0.5009</a>
Android (android.graphics.Color)	<a href="#">4283629437 (0xFF52FF7D)</a>
YUV	<a href="#">188.4530, -31.2823, -93.3593</a>
Hunter-Lab	<a href="#">86.4838, -62.7170, 38.8917</a>

# Details

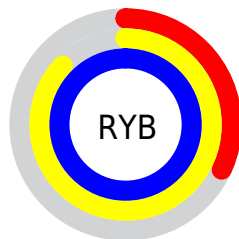
The Hex color **52FF7D** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **FF52D4**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **96FFB4**, and **00C548** is the 20% darker color. If you saturate the color by 10%, you get **39FF6A**, and if you desaturate by 10%, it is **6BFF90**.

# Distribution



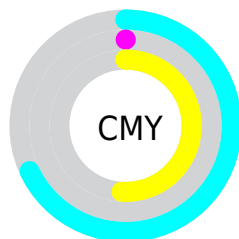
- Red (32%)
- Green (100%)
- Blue (49%)



- Red (32%)
- Yellow (87%)
- Blue (100%)



- Cyan (68%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52FF7D 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 52FF7D by changing the saturation by 10% instead.



 52FF7D

 52FF7D

FFFFFF

 24E262

 96FFB4

 00C548

 B5FFD0

 00A92D

 D5FFED

 008D0E

 F4FFFF

 007200

 005800

 003F00

 002600

 000000

 52FF7D

 52FF7D

 39FF6A

 6BFF90

 1FFF57

 85FFA3

 06FF44

 9FFFB6

 00FF3F

 B8FFCA

 D2FFDD

 EBFFF0

FFFFFF

# Harmonies

## Analogous

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



C7F038



52FF7D



00FFD0

# Triad

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



52FF7D



00EEFF



FF98A0

# Complementary

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



52FF7D



FF52D4

# 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.



FF92F2



52FF7D



C7D1FF

# Square

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



52FF7D



00FFFF



FFACFF



FFB759

# Rectangle

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



52FF7D



00FFFF



FFACFF



FF92BB

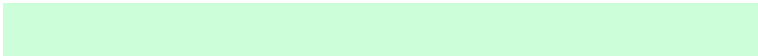


# Sweetspot

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



52FF7D



CCFFD9



D7FF52



618069



000000



808080



# Same Dimension

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



52FF7D



30FF64



52FFD1



738076



00BF30



004010



# Inverse Universe

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



FF52D4



FF30CC



FF5280



80737C



BF0090

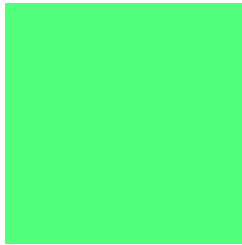


400030



# Previews

## White Background



This preview shows how the Hex color 52FF7D 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 52FF7D 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 52FF7D Background



This preview shows how black text looks on a background with the Hex color 52FF7D.

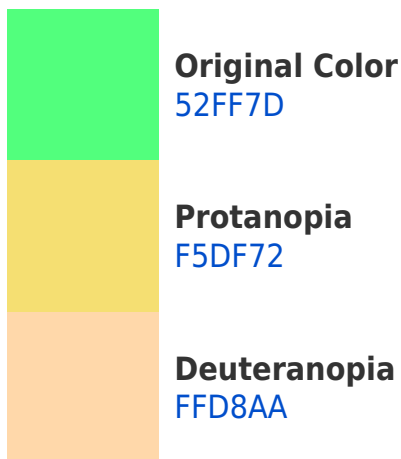


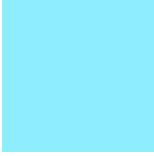
This preview shows how white text looks on a background with the Hex color 52FF7D.

# 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



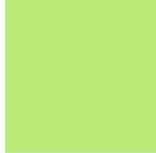


**Tritanopia**  
8EEEF

# Trichromacy



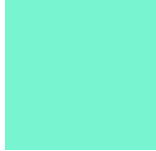
**Original Color**  
52FF7D



**Protanomaly**  
BAEB76

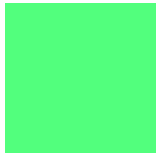


**Deuteranomaly**  
C0E69A

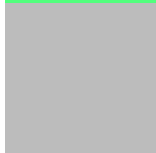


**Tritanomaly**  
78F4D0

# Monochromacy



**Original Color**  
52FF7D



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
95D4A5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52FF7D 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 #52FF7D looks like.

```
.text, #text, p{  
    color:#52FF7D  
}
```

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 #52FF7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52FF7D
}
```

## Border

The CSS property to change the border of an element to Hex 52FF7D 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
#52FF7D }
```

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

```
.border{ border-color:#52FF7D }
```

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

Here you see how a box with a 4 pixel #52FF7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52FF7D; -webkit-box-shadow:4px 4px  
4px 4px #52FF7D; box-shadow:4px 4px 4px  
4px #52FF7D }
```

# Background

The CSS property to change the background color of an element to Hex 52FF7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52FF7D }
```

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

```
.background{ background-color:#52FF7D }
```

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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