

# Converting Colors

Hex(52F273)

Have a look what the booklet for  
Hex(52F273) contains.

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**Color**

**Hex(52F273)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52F273
RGB	82, 242, 115
RGB Percent	32%, 95%, 45%
CMY	0.6784, 0.0510, 0.5490
CMYK	0.66, 0.00, 0.52, 0.05
HSL	132°, 86%, 64%
HSV	132°, 66%, 95%
XYZ	38.3263, 66.5359, 27.0424
YIQ	179.6820, -54.5930, -73.4170

# Conversions

## Conversions Part 2

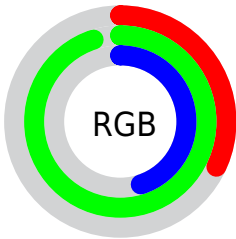
Format	Color
<a href="#">RYB</a>	<a href="#">82, 215, 242</a>
Decimal	<a href="#">5436019</a>
CIELab	<a href="#">85.27, -67.11, 48.89</a>
CIELCh	<a href="#">85, 83.028, 143.929</a>
Yxy	<a href="#">66.5359, 0.2906, 0.5044</a>
Android (android.graphics.Color)	<a href="#">4283626099 (0xFF52F273)</a>
YUV	<a href="#">179.6820, -31.8882, -85.6671</a>
Hunter-Lab	<a href="#">81.5695, -58.8766, 37.4425</a>

# Details

The Hex color **52F273** 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 **F252D1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **94FFA9**, and **00B83E** is the 20% darker color. If you saturate the color by 10%, you get **3AF260**, and if you desaturate by 10%, it is **6AF286**.

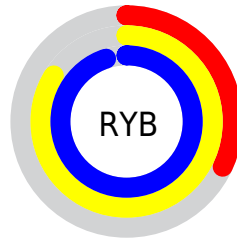
# Distribution



Red (32%)

Green (95%)

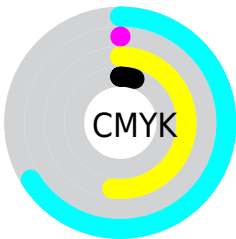
Blue (45%)



Red (32%)

Yellow (84%)

Blue (95%)

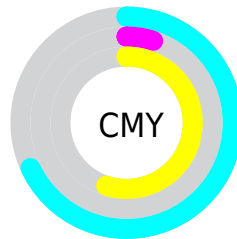


Cyan (66%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (68%)

Magenta (5%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 52F273 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 52F273 by changing the saturation by 10% instead.



 52F273

 52F273

FFFFFF

 27D559

 94FFA9

 00B83E

 B3FFC5

 009D23

 D2FFE2

 008100

 F1FFFF

 006700

 004D00

 003600

 001B00

 000000

 52F273

 52F273

 3AF260

 6AF286

 22F24D

 82F299

 09F239

 9BF2AD

 00F232

 B3F2C0

 CBF2D3

 E3F2E6

 FBF2F9

 FFF2FF

# Harmonies

## Analogous

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



BFE331



52F273



00F9C2

# Triad

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



52F273



00E3FF



FF8F9A

# Complementary

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



52F273



F252D1

# 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.



FF8AE8



52F273



B7C7FF

# Square

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



52F273



00F3FF



FFA4FF



FFAC55

# Rectangle

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



52F273



00FAF9



FFA4FF



FF89B4

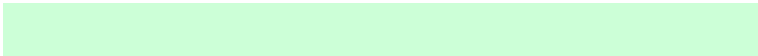


# Sweetspot

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



52F273



CCFFD7



D2F252



618067



000000



808080



# Same Dimension

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



52F273



36FF5F



52F2C2



6C786E



00B826



00380C



# Inverse Universe

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



F252D1



FF36D5



F25282



786C75



B80092

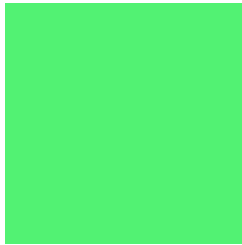


38002D



# Previews

## White Background



This preview shows how the Hex color 52F273 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 52F273 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

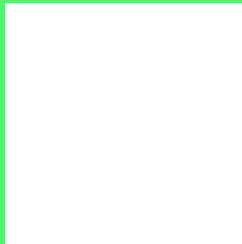
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 52F273 Background



This preview shows how black text looks on a background with the Hex color 52F273.

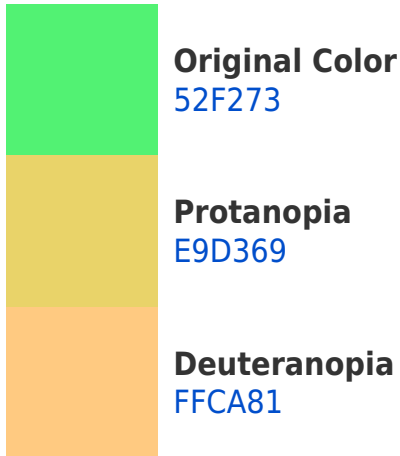


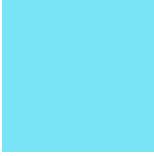
This preview shows how white text looks on a background with the Hex color 52F273.

# 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](#).

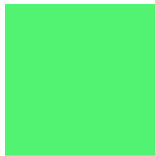
## Dichromacy





**Tritanopia**  
79E4F6

# Trichromacy



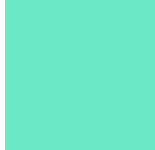
**Original Color**  
52F273



**Protanomaly**  
B2DE6D



**Deuteranomaly**  
C0D97C

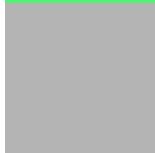


**Tritanomaly**  
6BE9C6

# Monochromacy



**Original Color**  
52F273



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
90CB9C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 52F273 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 #52F273 looks like.

```
.text, #text, p{  
    color:#52F273  
}
```

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 #52F273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52F273
}
```

## Border

The CSS property to change the border of an element to Hex 52F273 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
#52F273 }
```

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

```
.border{ border-color:#52F273 }
```

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

Here you see how a box with a 4 pixel #52F273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52F273; -webkit-box-shadow:4px 4px  
4px 4px #52F273; box-shadow:4px 4px 4px  
4px #52F273 }
```

# Background

The CSS property to change the background color of an element to Hex 52F273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52F273 }
```

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

```
.background{ background-color:#52F273 }
```

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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