

Converting Colors

Hex(52F870)

Have a look what the booklet for
Hex(52F870) contains.

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Color

Hex(52F870)

Conversions

Conversions Part 1

Format	Color
Hex	52F870
RGB	82, 248, 112
RGB Percent	32%, 97%, 44%
CMY	0.6784, 0.0275, 0.5608
CMYK	0.67, 0.00, 0.55, 0.03
HSL	131°, 92%, 65%
HSV	131°, 67%, 97%
XYZ	39.9717, 70.0985, 26.7529
YIQ	182.8620, -55.2800, -77.4880

Conversions

Conversions Part 2

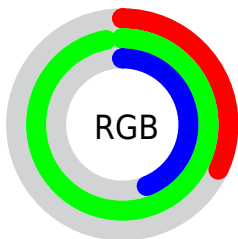
Format	Color
RYB	82, 223, 248
Decimal	5437552
CIELab	87.05, -69.55, 52.40
CIELCh	87, 87.082, 143.008
Yxy	70.0985, 0.2921, 0.5123
Android (android.graphics.Color)	4283627632 (0xFF52F870)
YUV	182.8620, -34.9350, -88.4560
Hunter-Lab	83.7248, -61.2994, 39.6623

Details

The Hex color **52F870** 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 **F852DA**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **95FFA7**, and **00BE3A** is the 20% darker color. If you saturate the color by 10%, you get **39F85C**, and if you desaturate by 10%, it is **6BF884**.

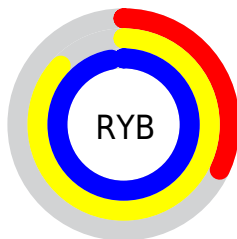
Distribution



Red (32%)

Green (97%)

Blue (44%)



Red (32%)

Yellow (87%)

Blue (97%)

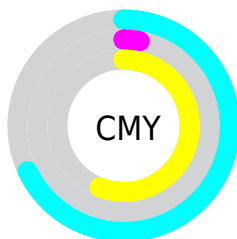


Cyan (67%)

Magenta (0%)

Yellow (55%)

Black (3%)



Cyan (68%)

Magenta (3%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52F870 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 52F870 by changing the saturation by 10% instead.

 52F870

 52F870

FFFFFF

 25DB55

 95FFA7

 00BE3A

 B4FFC3

 00A21D

 D3FFDF

 008700

 F2FFFD

 006C00

 005200

 003A00

 002000

 000000

 52F870

 52F870

 39F85C

 6BF884

 20F847

 84F899

 08F833

 9CF8AD

 00F82D

 B5F8C1

 CEF8D6

 E7F8EA

 FFF8FE

 FFF8FF

Harmonies

Analogous

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



C5E926



52F870



00FFC3

Triad

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



52F870



00E9FF



FF8E9E

Complementary

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



52F870



F852DA

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.



FF89F1



52F870



B4CCFF

Square

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



52F870



00FAFF



FFA7FF



FFAD55

Rectangle

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



52F870



00FFFD



FFA7FF



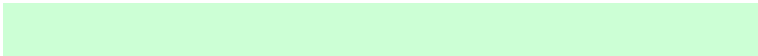
FF88B9

Sweetspot

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



52F870



CCFFD5



DCF852



618066



000000



808080

Same Dimension

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



52F870



33FF58



52F8C1



707D73



00BD22



003D0B

Inverse Universe

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



F852DA



FF33DA



F85289



7D707B



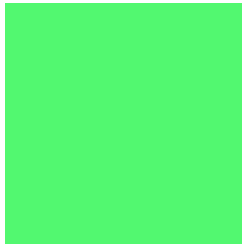
BD009B



3D0032

Previews

White Background



This preview shows how the Hex color 52F870 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 52F870 Background



This preview shows how black text looks on a background with the Hex color 52F870.

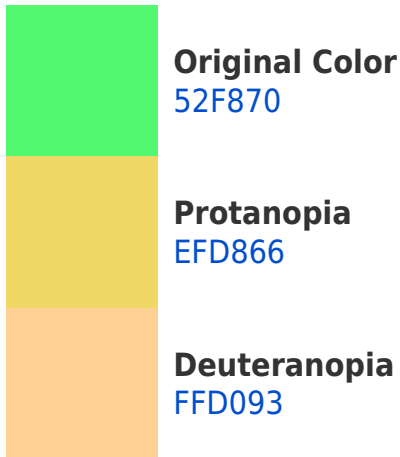


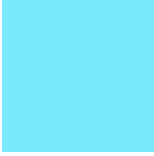
This preview shows how white text looks on a background with the Hex color 52F870.

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](#).

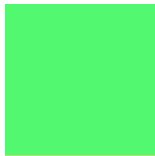
Dichromacy





Tritanopia
7BE9FC

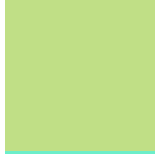
Trichromacy



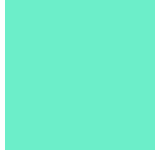
Original Color
52F870



Protanomaly
B6E46A



Deuteranomaly
C0DF86

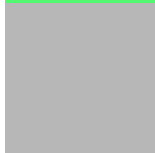


Tritanomaly
6CEE C9

Monochromacy



Original Color
52F870



Achromatopsia
B7B7B7



Achromatomaly
92CF9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 52F870 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 #52F870 looks like.

```
.text, #text, p{  
    color:#52F870  
}
```

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 #52F870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52F870
}
```

Border

The CSS property to change the border of an element to Hex 52F870 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
#52F870 }
```

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

```
.border{ border-color:#52F870 }
```

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

Here you see how a box with a 4 pixel #52F870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52F870; -webkit-box-shadow:4px 4px  
4px 4px #52F870; box-shadow:4px 4px 4px  
4px #52F870 }
```

Background

The CSS property to change the background color of an element to Hex 52F870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52F870 }
```

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

```
.background{ background-color:#52F870 }
```

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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