

Converting Colors

Hex(52F286)

Have a look what the booklet for
Hex(52F286) contains.

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Color

Hex(52F286)

Conversions

Conversions Part 1

Format	Color
Hex	52F286
RGB	82, 242, 134
RGB Percent	32%, 95%, 53%
CMY	0.6784, 0.0510, 0.4745
CMYK	0.66, 0.00, 0.45, 0.05
HSL	140°, 86%, 64%
HSV	140°, 66%, 95%
XYZ	39.5349, 67.0193, 33.4066
YIQ	181.8480, -60.6920, -67.5080

Conversions

Conversions Part 2

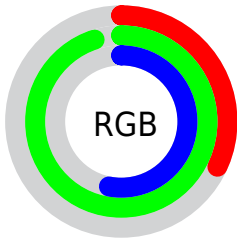
Format	Color
RYB	82, 203, 242
Decimal	5436038
CIELab	85.51, -64.32, 40.13
CIELCh	86, 75.815, 148.040
Yxy	67.0193, 0.2825, 0.4788
Android (android.graphics.Color)	4283626118 (0xFF52F286)
YUV	181.8480, -23.5891, -87.5667
Hunter-Lab	81.8653, -57.0621, 33.1114

Details

The Hex color **52F286** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F252BE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **93FFBC**, and **00B952** is the 20% darker color. If you saturate the color by 10%, you get **3AF276**, and if you desaturate by 10%, it is **6AF296**.

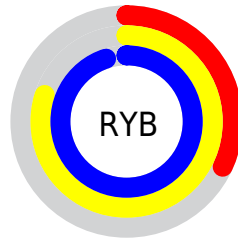
Distribution



Red (32%)

Green (95%)

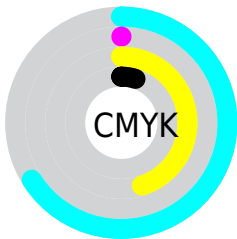
Blue (53%)



Red (32%)

Yellow (80%)

Blue (95%)

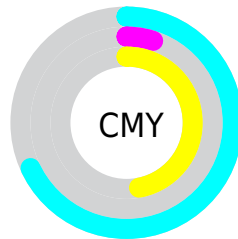


Cyan (66%)

Magenta (0%)

Yellow (45%)

Black (5%)



Cyan (68%)

Magenta (5%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52F286 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 52F286 by changing the saturation by 10% instead.

 52F286

FFFFFF

 93FFBC

 B2FFD9

 D1FFF5

 F0FFFF

 52F286

 28D56C

 00B952

 009D39

 008220

 006701

 004D00

 003600

 001C00

 000000

 52F286

 52F286

 3AF276

 6AF296

 22F265

 82F2A7

 09F255

 9BF2B7

 00F24F

 B3F2C7

 CBF2D8

 E3F2E8

 FBF2F8

 FFF2FF

Harmonies

Analogous

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



B9E54C



52F286



00F8CF

Triad

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



52F286



00DFFF



FF9B97

Complementary

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



52F286



F252BE

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.



FF93DD



52F286



CEC5FF

Square

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



52F286



00F0FF



FFA6FF



FFB55B

Rectangle

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



52F286



00F8FF



FFA6FF



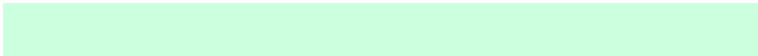
FF95AD

Sweetspot

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



52F286



CCFFDD



BFF252



61806B



000000



808080

Same Dimension

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



52F286



36FF77



52F2D5



6C7870



00B83C



003812

Inverse Universe

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



F252BE



FF36BE



F2526F



786C74



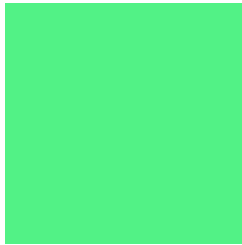
B8007C



380026

Previews

White Background



This preview shows how the Hex color 52F286 looks on a white background.

Color Contrast Check

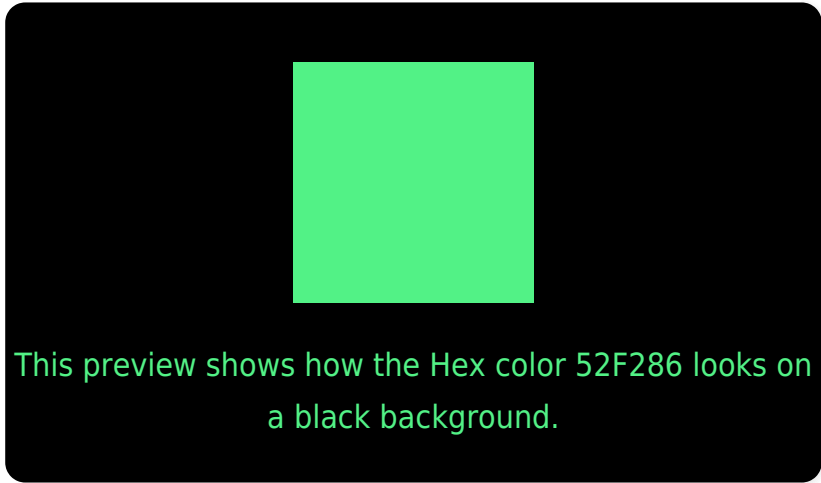
Large Text (above 18pt) WCAG AA × Fail

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

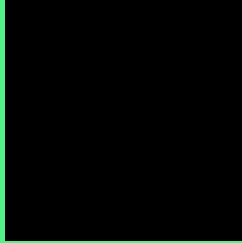
Any Text WCAG AA ✓ Pass

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 52F286 Background



This preview shows how black text looks on a background with the Hex color 52F286.

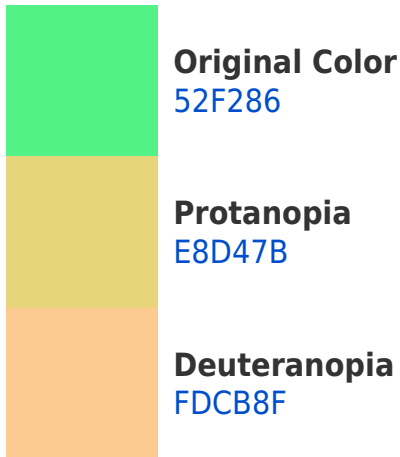


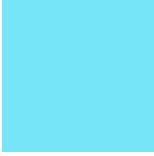
This preview shows how white text looks on a background with the Hex color 52F286.

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](#).

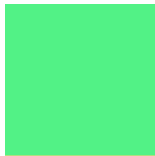
Dichromacy





Tritanopia
76E5F8

Trichromacy



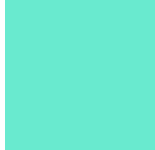
Original Color
52F286



Protanomaly
B1DF7F



Deuteranomaly
BFD98C

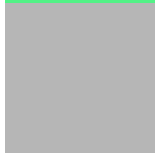


Tritanomaly
69EACF

Monochromacy



Original Color
52F286



Achromatopsia
B6B6B6



Achromatomaly
92CCA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 52F286 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 #52F286 looks like.

```
.text, #text, p{  
    color:#52F286  
}
```

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 #52F286 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52F286
}
```

Border

The CSS property to change the border of an element to Hex 52F286 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
#52F286 }
```

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

```
.border{ border-color:#52F286 }
```

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

Here you see how a box with a 4 pixel #52F286 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52F286; -webkit-box-shadow:4px 4px  
4px 4px #52F286; box-shadow:4px 4px 4px  
4px #52F286 }
```

Background

The CSS property to change the background color of an element to Hex 52F286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52F286 }
```

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

```
.background{ background-color:#52F286 }
```

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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