

# Converting Colors

Hex(51F295)

Have a look what the booklet for  
Hex(51F295) contains.

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# **Color**

**Hex(51F295)**

# Conversions

## Conversions Part 1

Format	Color
Hex	51F295
RGB	81, 242, 149
RGB Percent	32%, 95%, 58%
CMY	0.6824, 0.0510, 0.4157
CMYK	0.67, 0.00, 0.38, 0.05
HSL	145°, 86%, 63%
HSV	145°, 67%, 95%
XYZ	40.5703, 67.4235, 39.3095
YIQ	183.2590, -66.1030, -63.0550

# Conversions

## Conversions Part 2

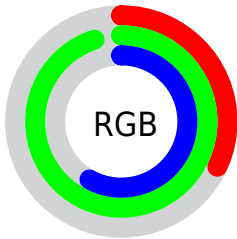
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 194, 242
Decimal	5370517
CIELab	85.72, -61.97, 32.96
CIELCh	86, 70.192, 151.990
Yxy	67.4235, 0.2754, 0.4577
Android (android.graphics.Color)	4283560597 (0xFF51F295)
YUV	183.2590, -16.8897, -89.6811
Hunter-Lab	82.1118, -55.5014, 29.0943

# Details

The Hex color **51F295** 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 **F251AE**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **92FFCC**, and **00B961** is the 20% darker color. If you saturate the color by 10%, you get **39F287**, and if you desaturate by 10%, it is **69F2A3**.

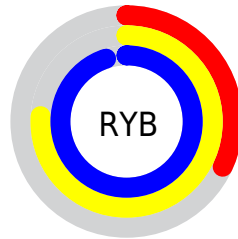
# Distribution



Red (32%)

Green (95%)

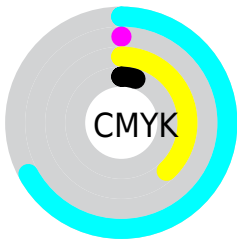
Blue (58%)



Red (32%)

Yellow (76%)

Blue (95%)

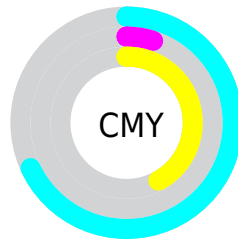


Cyan (67%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (68%)

Magenta (5%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51F295 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 51F295 by changing the saturation by 10% instead.



 51F295

 51F295

FFFFFF

 27D57B

 92FFCC

 00B961

 B1FFE8

 009D48

 D0FFFF

 008230

 EFFFFFF

 006718

 004E00

 003600

 001C00

 000000

 51F295

 51F295

 39F287

 69F2A3

 21F279

 81F2B1

 08F26B

 9AF2BF

 00F266

 B2F2CD

 CAF2DB

 E2F2E9

 FAF2F7

 FFF2FF

# Harmonies

## Analogous

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



B3E75F



51F295



00F7D9

# Triad

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



51F295



4BDCFF



FFA494

# Complementary

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



51F295



F251AE

# 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.



FF9AD5



51F295



DFC3FF

# Square

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



51F295



00EDFF



FFA8FF



FFBC60

# Rectangle

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



51F295



00F7FF



FFA8FF



FF9EA8

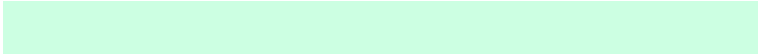


# Sweetspot

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



51F295



CCFFE2



AFF251



61806E



000000



808080



# Same Dimension

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



51F295



33FF89



51F2E5



6C7871



00B84E



003818



# Inverse Universe

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



F251AE



FF33A9



F2515E



786C73



B8006A

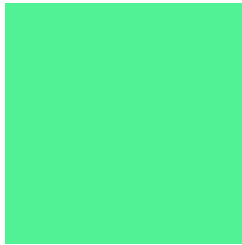


380020



# Previews

## White Background



This preview shows how the Hex color 51F295 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

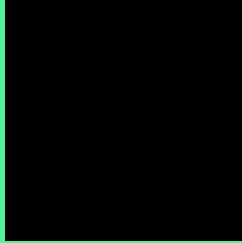
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 51F295 Background



This preview shows how black text looks on a background with the Hex color 51F295.

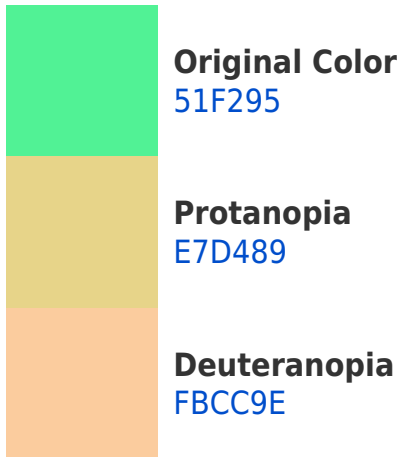


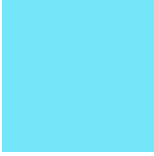
This preview shows how white text looks on a background with the Hex color 51F295.

# 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](#).

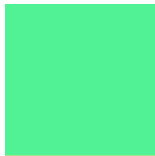
## Dichromacy





**Tritanopia**  
73E6F9

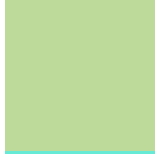
# Trichromacy



**Original Color**  
51F295



**Protanomaly**  
B0DF8D



**Deuteranomaly**  
BDDA9B



**Tritanomaly**  
67EAD5

# Monochromacy



**Original Color**  
51F295



**Achromatopsia**  
B7B7B7



**Achromatomaly**  
92CCAB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51F295 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 #51F295 looks like.

```
.text, #text, p{  
    color:#51F295  
}
```

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 #51F295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51F295
}
```

## Border

The CSS property to change the border of an element to Hex 51F295 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
#51F295 }
```

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

```
.border{ border-color:#51F295 }
```

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

Here you see how a box with a 4 pixel #51F295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51F295; -webkit-box-shadow:4px 4px  
4px 4px #51F295; box-shadow:4px 4px 4px  
4px #51F295 }
```

# Background

The CSS property to change the background color of an element to Hex 51F295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51F295 }
```

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

```
.background{ background-color:#51F295 }
```

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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