

Converting Colors

Hex(50F995)

Have a look what the booklet for
Hex(50F995) contains.

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Color

Hex(50F995)

Conversions

Conversions Part 1

Format	Color
Hex	50F995
RGB	80, 249, 149
RGB Percent	31%, 98%, 58%
CMY	0.6863, 0.0235, 0.4157
CMYK	0.68, 0.00, 0.40, 0.02
HSL	144°, 93%, 65%
HSV	144°, 68%, 98%
XYZ	42.6088, 71.6268, 40.0134
YIQ	187.0690, -68.6240, -66.9280

Conversions

Conversions Part 2

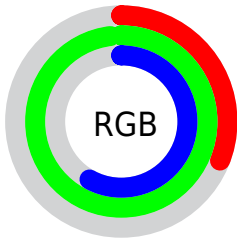
Format	Color
R _Y B	80, 200, 249
Decimal	5306773
CIE Lab	87.79, -64.70, 35.69
CIE LCh	88, 73.887, 151.116
Yxy	71.6268, 0.2762, 0.4644
Android (android.graphics.Color)	4283496853 (0xFF50F995)
YUV	187.0690, -18.7680, -93.8995
Hunter-Lab	84.6326, -58.2402, 31.2111

Details

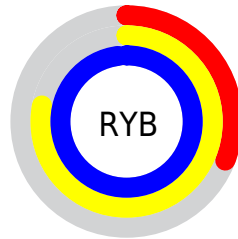
The Hex color **50F995** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F950B4**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **93FFCC**, and **00BF61** is the 20% darker color. If you saturate the color by 10%, you get **37F986**, and if you desaturate by 10%, it is **69F9A4**.

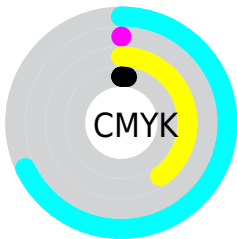
Distribution



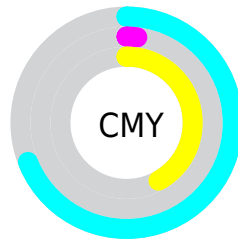
- Red (31%)
- Green (98%)
- Blue (58%)



- Red (31%)
- Yellow (78%)
- Blue (98%)



- Cyan (68%)
- Magenta (0%)
- Yellow (40%)
- Black (2%)



- Cyan (69%)
- Magenta (2%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50F995 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 50F995 by changing the saturation by 10% instead.

 50F995

 50F995

FFFFFF

 23DC7B

 93FFCC

 00BF61

 B2FFE8

 00A348

 D1FFFF

 008830

 F0FFFF

 006D17

 005300

 003B00

 002200

 000000

 50F995

 50F995

 37F986

 69F9A4

 1EF978

 82F9B2

 05F969

 9BF9C1

 00F966

 B4F9D0

 CCF9DF

 E5F9ED

 FEF9FC

 FFF9FF

Harmonies

Analogous

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



B8ED5B



50F995



00FEDD

Triad

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



50F995



30E3FF



FFA597

Complementary

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



50F995



F950B4

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.



FF9CDC



50F995



E1C8FF

Square

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



50F995



00F5FF



FFACFF



FFBF60

Rectangle

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



50F995



00FEFF



FFACFF



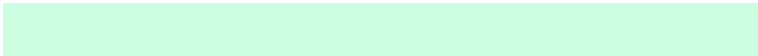
FFA0AE

Sweetspot

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



50F995



CCFFE1



B5F950



61806D



000000



808080

Same Dimension

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



50F995



30FF85



50F9E8



707D76



00BD4D



003D19

Inverse Universe

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



F950B4



FF30AB



F95061



7D7078



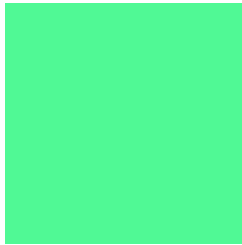
BD0070



3D0024

Previews

White Background



This preview shows how the Hex color 50F995 looks on a white background.

Color Contrast Check

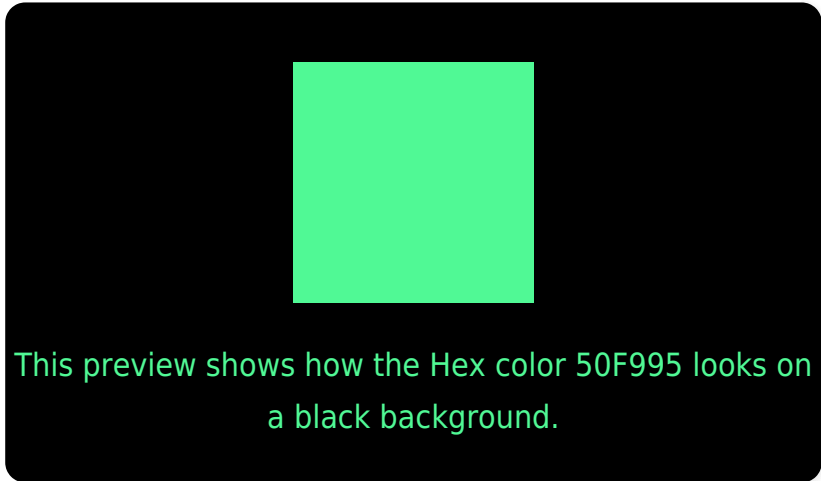
Large Text (above 18pt) WCAG AA × Fail

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

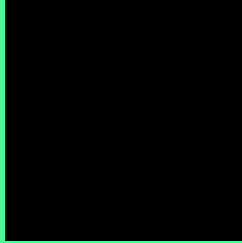
Any Text WCAG AA ✓ Pass

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 50F995 Background



This preview shows how black text looks on a background with the Hex color 50F995.

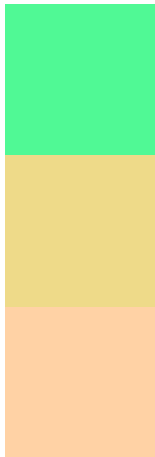


This preview shows how white text looks on a background with the Hex color 50F995.

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](#).

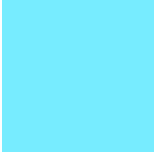
Dichromacy



Original Color
50F995

Protanopia
EEDA89

Deuteranopia
FFD2A5



Tritanopia
77ECFF

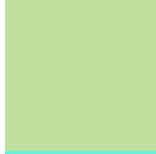
Trichromacy



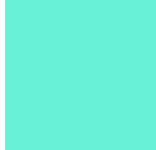
Original Color
50F995



Protanomaly
B5E58D

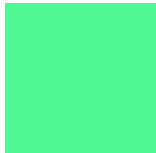


Deuteranomaly
BFE09F

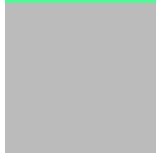


Tritanomaly
69F1D8

Monochromacy



Original Color
50F995



Achromatopsia
BBBBBB



Achromatomaly
94D2AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 50F995 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 #50F995 looks like.

```
.text, #text, p{  
    color:#50F995  
}
```

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 #50F995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50F995
}
```

Border

The CSS property to change the border of an element to Hex 50F995 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
#50F995 }
```

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

```
.border{ border-color:#50F995 }
```

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

Here you see how a box with a 4 pixel #50F995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50F995; -webkit-box-shadow:4px 4px  
4px 4px #50F995; box-shadow:4px 4px 4px  
4px #50F995 }
```

Background

The CSS property to change the background color of an element to Hex 50F995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50F995 }
```

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

```
.background{ background-color:#50F995 }
```

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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