

Converting Colors

Hex(56F7A0)

Have a look what the booklet for
Hex(56F7A0) contains.

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Color

Hex(56F7A0)

Conversions

Conversions Part 1

Format	Color
Hex	56F7A0
RGB	86, 247, 160
RGB Percent	34%, 97%, 63%
CMY	0.6627, 0.0314, 0.3725
CMYK	0.65, 0.00, 0.35, 0.03
HSL	148°, 91%, 65%
HSV	148°, 65%, 97%
XYZ	43.4437, 71.0380, 44.6797
YIQ	188.9430, -68.0290, -61.1890

Conversions

Conversions Part 2

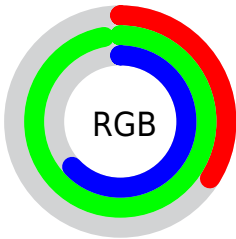
Format	Color
RYB	86, 196, 247
Decimal	5699488
CIELab	87.50, -60.98, 29.83
CIELCh	88, 67.889, 153.932
Yxy	71.0380, 0.2730, 0.4463
Android (android.graphics.Color)	4283889568 (0xFF56F7A0)
YUV	188.9430, -14.2689, -90.2810
Hunter-Lab	84.2841, -55.4904, 27.5687

Details

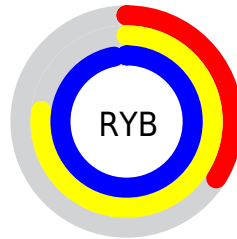
The Hex color **56F7A0** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F756AD**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **97FFD7**, and **00BD6C** is the 20% darker color. If you saturate the color by 10%, you get **3DF793**, and if you desaturate by 10%, it is **6FF7AD**.

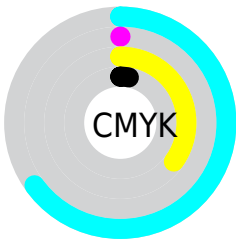
Distribution



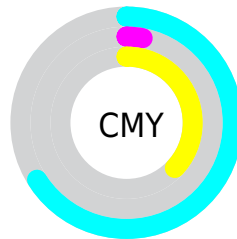
- Red (34%)
- Green (97%)
- Blue (63%)



- Red (34%)
- Yellow (77%)
- Blue (97%)



- Cyan (65%)
- Magenta (0%)
- Yellow (35%)
- Black (3%)



- Cyan (66%)
- Magenta (3%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56F7A0 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 56F7A0 by changing the saturation by 10% instead.

 56F7A0

 56F7A0

FFFFFF

 2EDA85

 97FFD7

 00BD6C

 B6FFF4

 00A253

 D4FFFF

 00863B

 F3FFFF

 006C23

 00520B

 003A00

 002100

 000000

 56F7A0

 56F7A0

 3DF793

 6FF7AD

 25F785

 87F7BB

 0CF778

 A0F7C8

 00F772

 B9F7D5

 D2F7E3

 EAF7F0

 FFF7FD

 FFF7FF

Harmonies

Analogous

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



B5EC6B



56F7A0



00FBE2

Triad

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



56F7A0



6DE0FF



FFAC97

Complementary

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



56F7A0



F756AD

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.



FFA2D5



56F7A0



EAC7FF

Square

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



56F7A0



00F1FF



FFAEFF



FFC366

Rectangle

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



56F7A0



00FBFF



FFAEFF



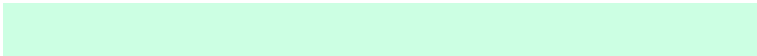
FFA7AB

Sweetspot

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



56F7A0



CCFFE3



AFF756



61806F



000000



808080

Same Dimension

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



56F7A0



38FF94



56F7EF



6E7A74



00BA56



003B1B

Inverse Universe

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



F756AD



FF38A4



F7565E



7A6E75



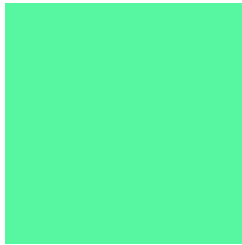
BA0065



3B0020

Previews

White Background



This preview shows how the Hex color 56F7A0 looks on a white background.

Color Contrast Check

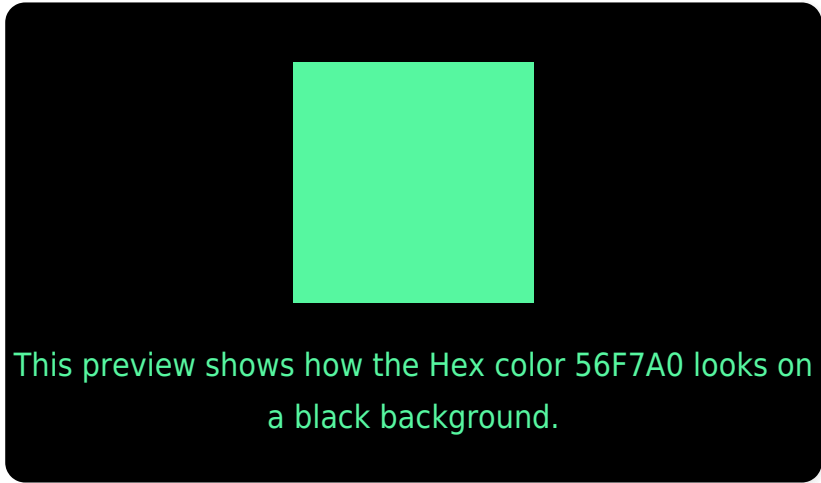
Large Text (above 18pt) WCAG AA × Fail

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

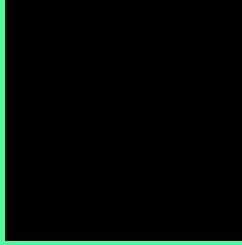
Any Text WCAG AA ✓ Pass

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 56F7A0 Background



This preview shows how black text looks on a background with the Hex color 56F7A0.

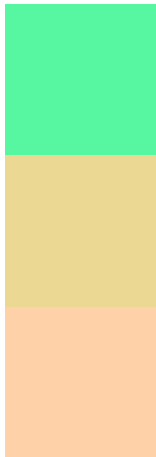


This preview shows how white text looks on a background with the Hex color 56F7A0.

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](#).

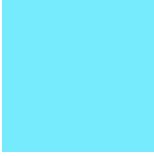
Dichromacy



Original Color
56F7A0

Protanopia
EBD993

Deuteranopia
FFD1A9



Tritanopia
76EBFE

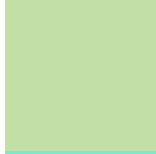
Trichromacy



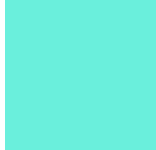
Original Color
56F7A0



Protanomaly
B5E498

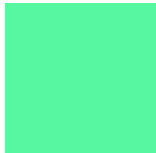


Deuteranomaly
C2DFA6

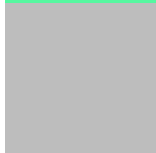


Tritanomaly
6AEFDC

Monochromacy



Original Color
56F7A0



Achromatopsia
BDBDBD



Achromatomaly
98D2B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 56F7A0 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 #56F7A0 looks like.

```
.text, #text, p{  
    color:#56F7A0  
}
```

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 #56F7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56F7A0
}
```

Border

The CSS property to change the border of an element to Hex 56F7A0 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
#56F7A0 }
```

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

```
.border{ border-color:#56F7A0 }
```

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

Here you see how a box with a 4 pixel #56F7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56F7A0; -webkit-box-shadow:4px 4px  
4px 4px #56F7A0; box-shadow:4px 4px 4px  
4px #56F7A0 }
```

Background

The CSS property to change the background color of an element to Hex 56F7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56F7A0 }
```

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

```
.background{ background-color:#56F7A0 }
```

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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