

Converting Colors

Hex(56F4C2)

Have a look what the booklet for
Hex(56F4C2) contains.

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Color

Hex(56F4C2)

Conversions

Conversions Part 1

Format	Color
Hex	56F4C2
RGB	86, 244, 194
RGB Percent	34%, 96%, 76%
CMY	0.6627, 0.0431, 0.2392
CMYK	0.65, 0.00, 0.20, 0.04
HSL	161°, 88%, 65%
HSV	161°, 65%, 96%
XYZ	45.9260, 70.5748, 62.2407
YIQ	191.0580, -78.1180, -49.0460

Conversions

Conversions Part 2

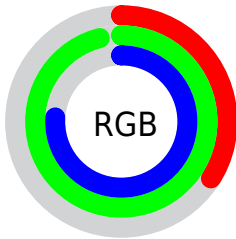
Format	Color
RYB	86, 180, 244
Decimal	5698754
CIELab	87.28, -52.81, 12.08
CIELCh	87, 54.175, 167.115
Yxy	70.5748, 0.2569, 0.3948
Android (android.graphics.Color)	4283888834 (0xFF56F4C2)
YUV	191.0580, 1.4504, -92.1359
Hunter-Lab	84.0088, -49.4329, 14.8793

Details

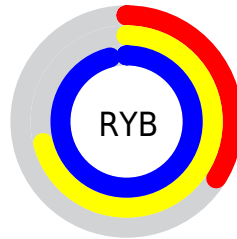
The Hex color **56F4C2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **F45688**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **97FFF8**, and **00BB8C** is the 20% darker color. If you saturate the color by 10%, you get **3EF4BA**, and if you desaturate by 10%, it is **6EF4CA**.

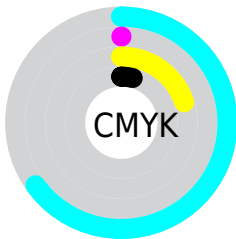
Distribution



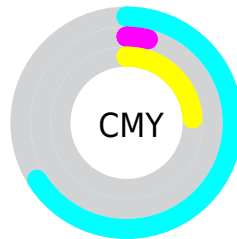
- Red (34%)
- Green (96%)
- Blue (76%)



- Red (34%)
- Yellow (71%)
- Blue (96%)



- Cyan (65%)
- Magenta (0%)
- Yellow (20%)
- Black (4%)



- Cyan (66%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56F4C2 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 56F4C2 by changing the saturation by 10% instead.

 56F4C2

 56F4C2


FFFFFF

 2ED7A7

 97FFFB

 00BB8C

 B6FFFF

 009F73

 D5FFFF

 00845A


 F3FFFF

 006A43

 00502C

 003817

 002100

 000000

 56F4C2

 56F4C2

 3EF4BA

 6EF4CA

 25F4B3

 87F4D1

 0DF4AB

 9FF4D9

 00F4A7

 B8F4E1

 D0F4E9

 E8F4F0

 FFF4F8

 FFF4FF

Harmonies

Analogous

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



A3ED92



56F4C2



00F5F7

Triad

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



56F4C2



BDD6FF



FFBE91

Complementary

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



56F4C2



F45688

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.



FFB2BF



56F4C2



FFC2FF

Square

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



56F4C2



51E6FF



FFB3F3



FFD075

Rectangle

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



56F4C2



00F3FF



FFB3F3



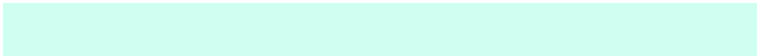
FFB99F

Sweetspot

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



56F4C2



CFFFF0



88F456



628076



000000



808080

Same Dimension

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



56F4C2



38FFC0



56D7F4



6E7A77



00BA7F



003B28

Inverse Universe

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



F45688



FF3877



F47356



7A6E72



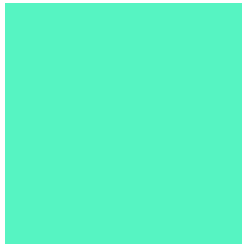
BA003B



3B0013

Previews

White Background



This preview shows how the Hex color 56F4C2 looks on a white background.

Color Contrast Check

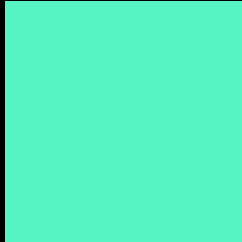
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 56F4C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

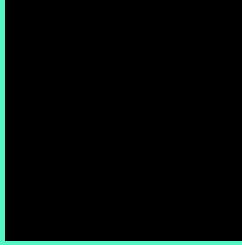
Any Text WCAG AA ✓ Pass

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 56F4C2 Background



This preview shows how black text looks on a background with the Hex color 56F4C2.

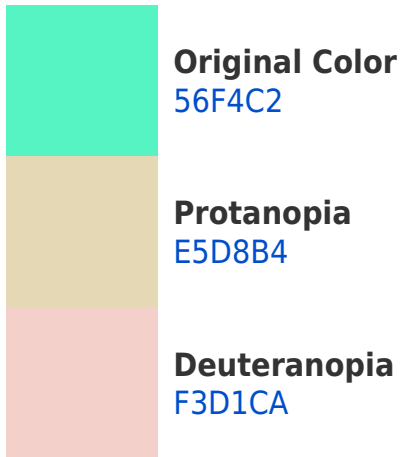


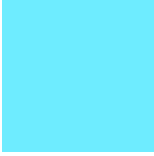
This preview shows how white text looks on a background with the Hex color 56F4C2.

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
6EECFE

Trichromacy



Original Color
56F4C2



Protanomaly
B1E2B9



Deuteranomaly
BADEC7

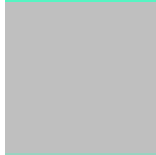


Tritanomaly
65EFE9

Monochromacy



Original Color
56F4C2



Achromatopsia
BFBFBF



Achromatomaly
99D2C0

CSS Examples

Text

The CSS property to change the color of the text to Hex 56F4C2 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 #56F4C2 looks like.

```
.text, #text, p{  
    color:#56F4C2  
}
```

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 #56F4C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56F4C2
}
```

Border

The CSS property to change the border of an element to Hex 56F4C2 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
#56F4C2 }
```

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

```
.border{ border-color:#56F4C2 }
```

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

Here you see how a box with a 4 pixel #56F4C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56F4C2; -webkit-box-shadow:4px 4px  
4px 4px #56F4C2; box-shadow:4px 4px 4px  
4px #56F4C2 }
```

Background

The CSS property to change the background color of an element to Hex 56F4C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56F4C2 }
```

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

```
.background{ background-color:#56F4C2 }
```

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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