

Converting Colors

Hex(56FFCB)

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

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Color

Hex(56FFCB)

Conversions

Conversions Part 1

Format	Color
Hex	56FFCB
RGB	86, 255, 203
RGB Percent	34%, 100%, 80%
CMY	0.6627, 0.0000, 0.2039
CMYK	0.66, 0.00, 0.20, 0.00
HSL	162°, 100%, 67%
HSV	162°, 66%, 100%
XYZ	50.3772, 77.8102, 68.8636
YIQ	198.5410, -84.0320, -52.0000

Conversions

Conversions Part 2

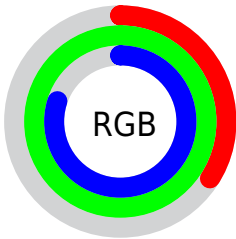
Format	Color
RYB	86, 186, 255
Decimal	5701579
CIELab	90.69, -55.24, 12.28
CIELCh	91, 56.593, 167.469
Yxy	77.8102, 0.2557, 0.3949
Android (android.graphics.Color)	4283891659 (0xFF56FFCB)
YUV	198.5410, 2.1983, -98.6985
Hunter-Lab	88.2101, -52.4254, 15.4607

Details

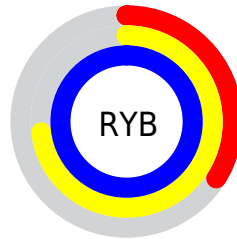
The Hex color **56FFCB** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **FF568A**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **99FFFF**, and **00C595** is the 20% darker color. If you saturate the color by 10%, you get **3DFFC3**, and if you desaturate by 10%, it is **70FFD3**.

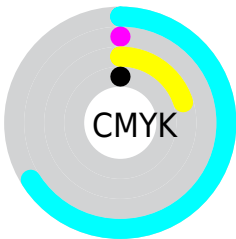
Distribution



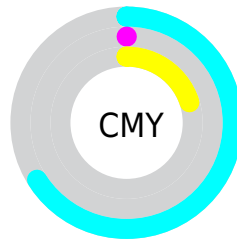
- Red (34%)
- Green (100%)
- Blue (80%)



- Red (34%)
- Yellow (73%)
- Blue (100%)



- Cyan (66%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 56FFCB

FFFFFF

 99FFFF

 B8FFFF

 D7FFFF

 F6FFFF

 56FFCB

 2BE2B0

 00C595

 00A97B

 008E62

 00734A

 005A33

 00411E

 002A07

 000500


 56FFCB

 56FFCB

 3DFFC3

 70FFD3

 23FFBB

 89FFDB

 0AFFB3

 A3FFE3

 00FFB1

 BCFFEA

 D6FFF2

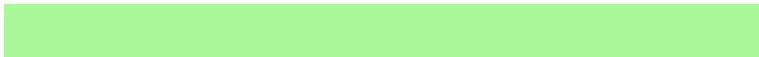
 EFFFFA

FFFFFF

Harmonies

Analogous

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



A9F899



56FFCB



00FFFF

Triad

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



56FFCB



C6DFFF



FFC697

Complementary

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



56FFCB



FF568A

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.



FFB9C7



56FFCB



FFCAFF

Square

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



56FFCB



52F1FF



FFBBFD



FFD979

Rectangle

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



56FFCB



00FEFF



FFBFD



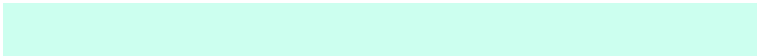
FFC1A5

Sweetspot

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



56FFCB



CCFFEF



8CFF56



618076



000000



808080

Same Dimension

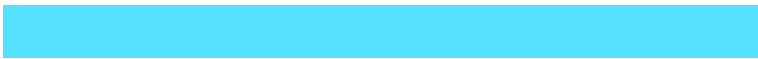
The Same Dimension uses a secret algorithm to generate beautiful new colors.



56FFCB



33FFC0



56E0FF



73807C



00BF84



00402C

Inverse Universe

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



FF568A



FF3372



FF7556



807377



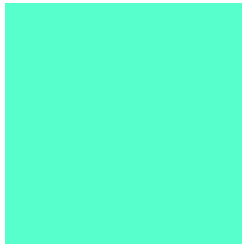
BF003B



400014

Previews

White Background



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

Color Contrast Check

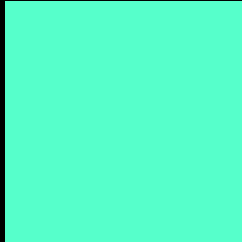
Large Text (above 18pt) WCAG AA × Fail

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 56FFCB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

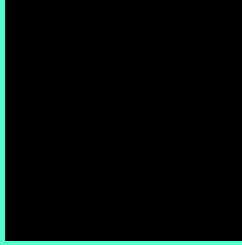
Any Text WCAG AA ✓ Pass

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 56FFCB Background



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

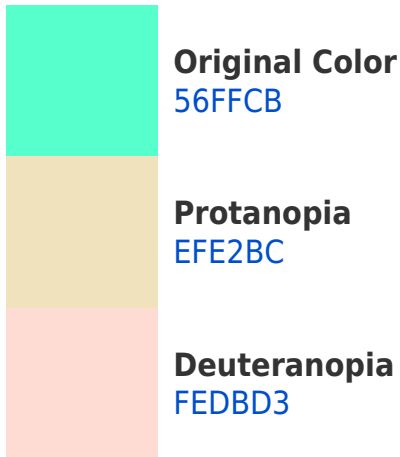


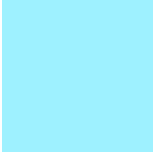
This preview shows how white text looks on a background with the Hex color 56FFCB.

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



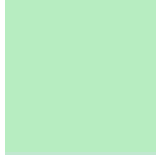


Tritanopia
9EF1FF

Trichromacy



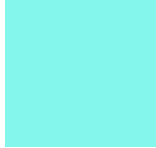
Original Color
56FFCB



Protanomaly
B7EDC1



Deuteranomaly
C1E8D0

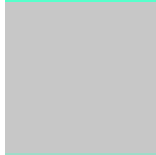


Tritanomaly
84F6EC

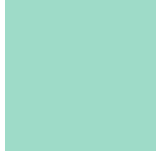
Monochromacy



Original Color
56FFCB



Achromatopsia
C7C7C7



Achromatomaly
9EDBC8

CSS Examples

Text

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

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

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 #56FFCB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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