

Converting Colors

Hex(5CC28F)

Have a look what the booklet for
Hex(5CC28F) contains.

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Color

Hex(5CC28F)

Conversions

Conversions Part 1

Format	Color
Hex	5CC28F
RGB	92, 194, 143
RGB Percent	36%, 76%, 56%
CMY	0.6392, 0.2392, 0.4392
CMYK	0.53, 0.00, 0.26, 0.24
HSL	150°, 46%, 56%
HSV	150°, 53%, 76%
XYZ	28.6633, 42.8421, 32.7452
YIQ	157.6880, -44.4210, -37.4850

Conversions

Conversions Part 2

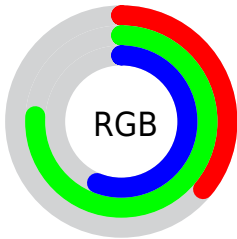
Format	Color
RYB	92, 160, 194
Decimal	6079119
CIELab	71.45, -41.63, 16.78
CIELCh	71, 44.883, 158.052
Yxy	42.8421, 0.2749, 0.4110
Android (android.graphics.Color)	4284269199 (0xFF5CC28F)
YUV	157.6880, -7.2412, -57.6084
Hunter-Lab	65.4538, -36.3761, 16.1561

Details

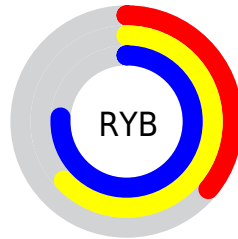
The Hex color **5CC28F** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C25C8F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **95FBC5**, and **1C8C5C** is the 20% darker color. If you saturate the color by 10%, you get **49C285**, and if you desaturate by 10%, it is **6FC299**.

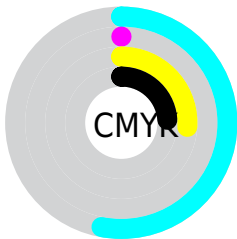
Distribution



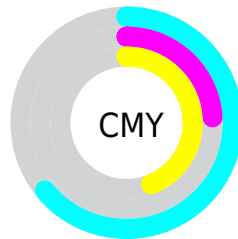
- Red (36%)
- Green (76%)
- Blue (56%)



- Red (36%)
- Yellow (63%)
- Blue (76%)



- Cyan (53%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CC28F 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 5CC28F by changing the saturation by 10% instead.

 5CC28F

 5CC28F

FFFFFF

 3FA675

 95FBC5

 1C8C5C

 B1FFE1

 007145

 CEFFFE

 00582E

 ECFFFF

 004019

 002A00

 000A00

 000000

 5CC28F

 5CC28F

 49C285

 6FC299

 35C27C

 83C2A2

 22C272

 96C2AC

 0EC268

 AAC2B6

 00C261

 BDC2BF

 D0C2C9

 E4C2D3

 F7C2DD

 FFC2E6

Harmonies

Analogous

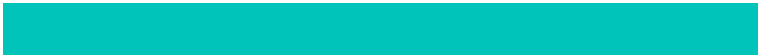
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92BB6D



5CC28F



00C4B9

Triad

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



5CC28F



82AFFF



F8947F

Complementary

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



5CC28F



C25C8F

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.



FD8EA5



5CC28F



C1A0F0

Square

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



5CC28F



18BBFA



EB93CE



E2A263

Rectangle

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



5CC28F



00C4D4



EB93CE



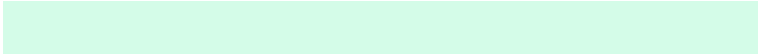
FC918B

Sweetspot

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



5CC28F



D4FCE8



8FC25C



678073



000000



808080

Same Dimension

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



5CC28F



5DFCAD



5CC2C2



57615C



00A150



002111

Inverse Universe

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



C25C8F



FC5DAD



C25C5C



61575C



A10050



210011

Previews

White Background



This preview shows how the Hex color 5CC28F looks on a white background.

Color Contrast Check

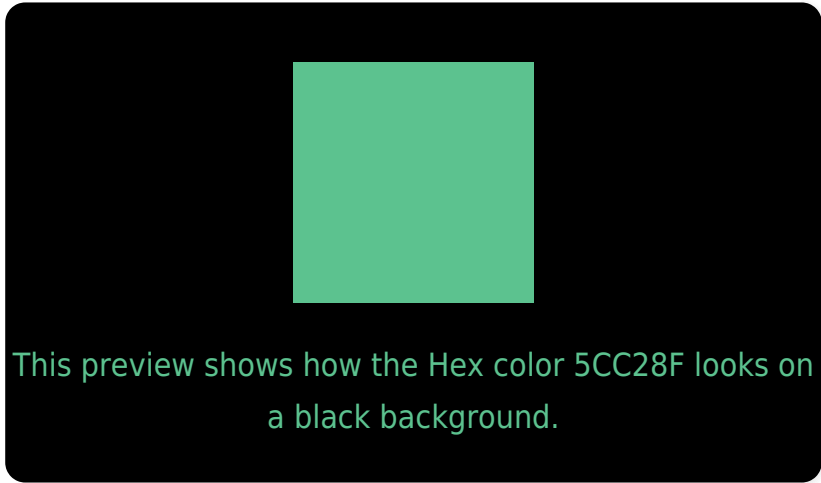
Large Text (above 18pt) WCAG AA × Fail

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

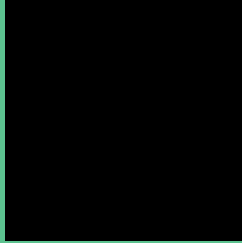
Any Text WCAG AA ✓ Pass

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 5CC28F Background



This preview shows how black text looks on a background with the Hex color 5CC28F.

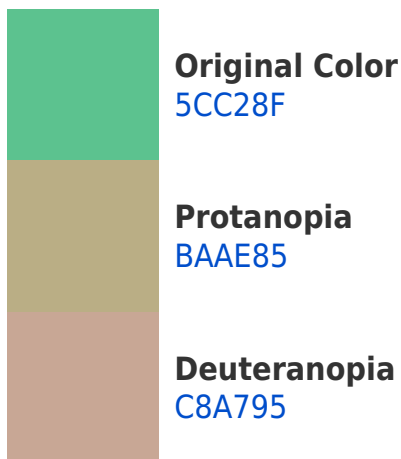


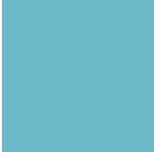
This preview shows how white text looks on a background with the Hex color 5CC28F.

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
6CBAC9

Trichromacy



Original Color
5CC28F



Protanomaly
98B589



Deuteranomaly
A1B193



Tritanomaly
66BDB4

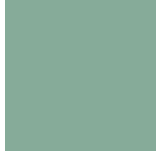
Monochromacy



Original Color
5CC28F



Achromatopsia
9E9E9E



Achromatomaly
86AB99

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CC28F 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 #5CC28F looks like.

```
.text, #text, p{  
    color:#5CC28F  
}
```

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 #5CC28F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CC28F
}
```

Border

The CSS property to change the border of an element to Hex 5CC28F 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
#5CC28F }
```

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

```
.border{ border-color:#5CC28F }
```

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

Here you see how a box with a 4 pixel #5CC28F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CC28F; -webkit-box-shadow:4px 4px  
4px 4px #5CC28F; box-shadow:4px 4px 4px  
4px #5CC28F }
```

Background

The CSS property to change the background color of an element to Hex 5CC28F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CC28F }
```

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

```
.background{ background-color:#5CC28F }
```

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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