

Converting Colors

Hex(5EE7C2)

Have a look what the booklet for
Hex(5EE7C2) contains.

Hex(5EE7C2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5EE7C2)

Conversions

Conversions Part 1

Format	Color
Hex	5EE7C2
RGB	94, 231, 194
RGB Percent	37%, 91%, 76%
CMY	0.6314, 0.0941, 0.2392
CMYK	0.59, 0.00, 0.16, 0.09
HSL	164°, 74%, 64%
HSV	164°, 59%, 91%
XYZ	42.9296, 63.4266, 61.0189
YIQ	185.8190, -69.7750, -40.5510

Conversions

Conversions Part 2

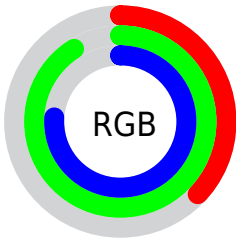
Format	Color
RYB	94, 173, 231
Decimal	6219714
CIELab	83.67, -45.97, 6.95
CIElCh	84, 46.491, 171.406
Yxy	63.4266, 0.2565, 0.3789
Android (android.graphics.Color)	4284409794 (0xFF5EE7C2)
YUV	185.8190, 4.0332, -80.5253
Hunter-Lab	79.6408, -43.1526, 10.3220

Details

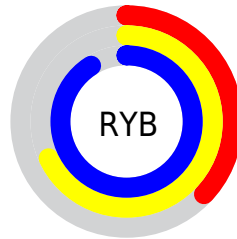
The Hex color **5EE7C2** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **E75E83**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **9CFFFA**, and **00AF8C** is the 20% darker color. If you saturate the color by 10%, you get **47E7BC**, and if you desaturate by 10%, it is **75E7C8**.

Distribution



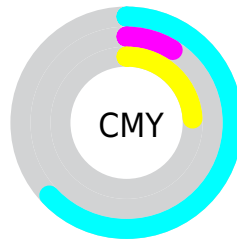
- Red (37%)
- Green (91%)
- Blue (76%)



- Red (37%)
- Yellow (68%)
- Blue (91%)



- Cyan (59%)
- Magenta (0%)
- Yellow (16%)
- Black (9%)



- Cyan (63%)
- Magenta (9%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5EE7C2 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 5EE7C2 by changing the saturation by 10% instead.

 5EE7C2

 5EE7C2

FFFFFF

 3CCAA7

 9CFFFA

 00AF8C

 BAAAAF

 009373

 D8FFFF

 00795A

 F6FFFF

 005F43

 00462D

 002F18

 001500

 000000

 5EE7C2

 5EE7C2

 47E7BC

 75E7C8

 30E7B6

 8CE7CE

 19E7AF

 A3E7D5

 02E7A9

 BAE7DB

 00E7A9

 D2E7E1

 E9E7E7

 FFE7EE

 FFE7F4

 FFE7FA

Harmonies

Analogous

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



9BE298



5EE7C2



00E8EF

Triad

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



5EE7C2



C3CAFF



FFBA8E

Complementary

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



5EE7C2



E75E83

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.



FFB0B3



5EE7C2



FBBAFF

Square

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



5EE7C2



77D9FF



FFAFDF



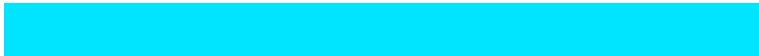
F8CA79

Rectangle

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



5EE7C2



00E5FF



FFAFDF



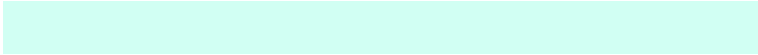
FFB699

Sweetspot

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



5EE7C2



D1FFF3



85E75E



638078



000000



808080

Same Dimension

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



5EE7C2



4AFFCE



5EC9E7



677370



00B382



003325

Inverse Universe

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



E75E83



FF4A7B



E77C5E



73676A



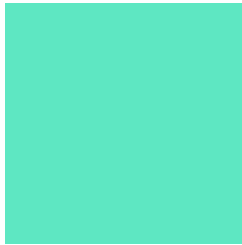
B30030



33000E

Previews

White Background



This preview shows how the Hex color 5EE7C2 looks on a white background.

Color Contrast Check

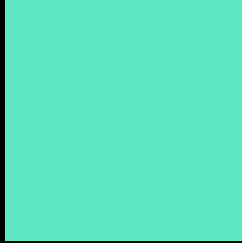
Large Text (above 18pt) WCAG AA × Fail

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 5EE7C2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

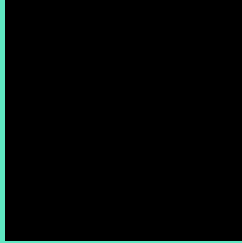
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

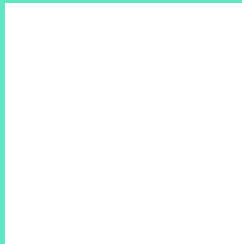
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5EE7C2 Background



This preview shows how black text looks on a background with the Hex color 5EE7C2.

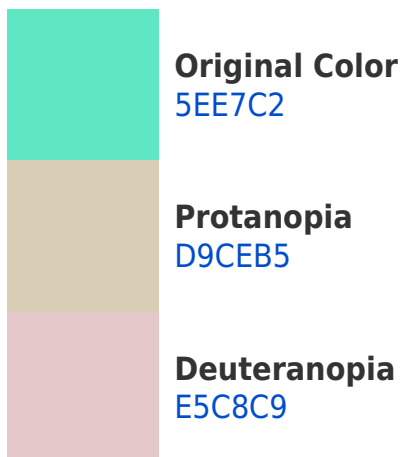


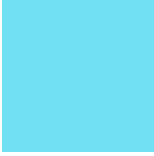
This preview shows how white text looks on a background with the Hex color 5EE7C2.

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
70E0F2

Trichromacy



Original Color
5EE7C2



Protanomaly
ACD7BA



Deuteranomaly
B4D3C6



Tritanomaly
69E3E1

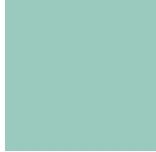
Monochromacy



Original Color
5EE7C2



Achromatopsia
BABABA



Achromatomaly
99CABD

CSS Examples

Text

The CSS property to change the color of the text to Hex 5EE7C2 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 #5EE7C2 looks like.

```
.text, #text, p{  
    color:#5EE7C2  
}
```

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 #5EE7C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE7C2
}
```

Border

The CSS property to change the border of an element to Hex 5EE7C2 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
#5EE7C2 }
```

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

```
.border{ border-color:#5EE7C2 }
```

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

Here you see how a box with a 4 pixel #5EE7C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE7C2; -webkit-box-shadow:4px 4px  
4px 4px #5EE7C2; box-shadow:4px 4px 4px  
4px #5EE7C2 }
```

Background

The CSS property to change the background color of an element to Hex 5EE7C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE7C2 }
```

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

```
.background{ background-color:#5EE7C2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor