

Converting Colors

Hex(5CE292)

Have a look what the booklet for
Hex(5CE292) contains.

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Color

Hex(5CE292)

Conversions

Conversions Part 1

Format	Color
Hex	5CE292
RGB	92, 226, 146
RGB Percent	36%, 89%, 57%
CMY	0.6392, 0.1137, 0.4275
CMYK	0.59, 0.00, 0.35, 0.11
HSL	144°, 70%, 62%
HSV	144°, 59%, 89%
XYZ	36.7983, 58.7433, 36.5933
YIQ	176.8140, -54.1840, -53.2880

Conversions

Conversions Part 2

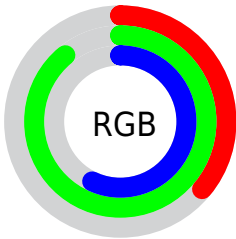
Format	Color
RYB	92, 188, 226
Decimal	6087314
CIELab	81.15, -54.33, 28.45
CIELCh	81, 61.331, 152.364
Yxy	58.7433, 0.2785, 0.4446
Android (android.graphics.Color)	4284277394 (0xFF5CE292)
YUV	176.8140, -15.1913, -74.3819
Hunter-Lab	76.6442, -48.4262, 25.3433

Details

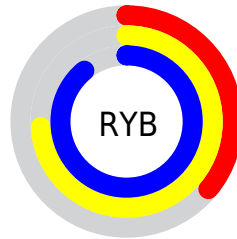
The Hex color **5CE292** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **E25CAC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **99FFC8**, and **03AA5F** is the 20% darker color. If you saturate the color by 10%, you get **45E285**, and if you desaturate by 10%, it is **73E29F**.

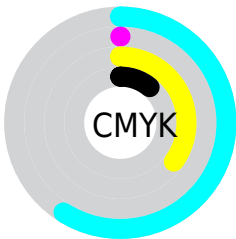
Distribution



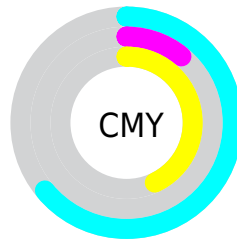
- Red (36%)
- Green (89%)
- Blue (57%)



- Red (36%)
- Yellow (74%)
- Blue (89%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (64%)
- Magenta (11%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CE292 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 5CE292 by changing the saturation by 10% instead.

 5CE292

 5CE292

FFFFFF

 3AC578

 99FFC8

 03AA5F

 B6FFE5

 008E46

 D4FFFF

 00742F

 F3FFFF

 005A18

 004100

 002B00

 000800

 000000

 5CE292

 5CE292

 45E285

 73E29F

 2FE277

 89E2AD

 18E26A

 A0E2BA

 02E25C

 B6E2C8

 00E25B

 CDE2D5

 E4E2E3

 FAE2F0

 FFE2FE

 FFE2FF

Harmonies

Analogous

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



ABD864



5CE292



00E6CC

Triad

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



5CE292



64CEFF



FF9F8F

Complementary

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



5CE292



E25CAC

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.



FF98C7



5CE292



D3B9FF

Square

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



5CE292



00DDFF



FFA3FF



FFB364

Rectangle

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



5CE292



00E6F3



FFA3FF



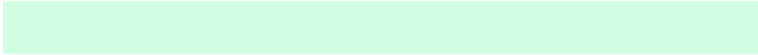
FF9BA1

Sweetspot

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



5CE292



D1FFE4



ACE25C



63806F



000000



808080

Same Dimension

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



5CE292



4AFF93



5CE2D5



65706A



00B047



003014

Inverse Universe

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



E25CAC



FF4AB6



E25C69



70656C



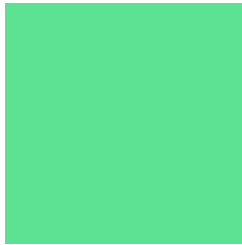
B00069



30001D

Previews

White Background



This preview shows how the Hex color 5CE292 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 5CE292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

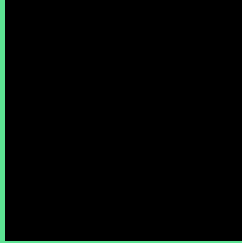
Any Text WCAG AA ✓ Pass

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 5CE292 Background



This preview shows how black text looks on a background with the Hex color 5CE292.

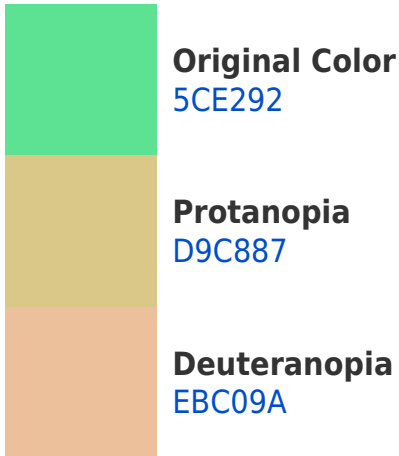


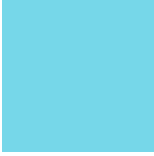
This preview shows how white text looks on a background with the Hex color 5CE292.

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



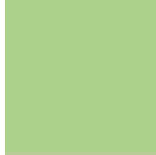


Tritanopia
76D7E9

Trichromacy



Original Color
5CE292



Protanomaly
ACD18B



Deuteranomaly
B7CC97



Tritanomaly
6DDBC9

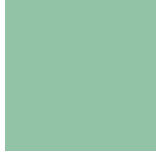
Monochromacy



Original Color
5CE292



Achromatopsia
B1B1B1



Achromatomaly
92C3A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 5CE292 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 #5CE292 looks like.

```
.text, #text, p{  
    color:#5CE292  
}
```

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 #5CE292 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CE292
}
```

Border

The CSS property to change the border of an element to Hex 5CE292 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
#5CE292 }
```

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

```
.border{ border-color:#5CE292 }
```

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

Here you see how a box with a 4 pixel #5CE292 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CE292; -webkit-box-shadow:4px 4px  
4px 4px #5CE292; box-shadow:4px 4px 4px  
4px #5CE292 }
```

Background

The CSS property to change the background color of an element to Hex 5CE292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CE292 }
```

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

```
.background{ background-color:#5CE292 }
```

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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