

# Converting Colors

Hex(5CD294)

Have a look what the booklet for  
Hex(5CD294) contains.

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# Color

Hex(5CD294)

# Conversions

## Conversions Part 1

Format	Color
Hex	5CD294
RGB	92, 210, 148
RGB Percent	36%, 82%, 58%
CMY	0.6392, 0.1765, 0.4196
CMYK	0.56, 0.00, 0.30, 0.18
HSL	148°, 57%, 59%
HSV	148°, 56%, 82%
XYZ	32.8055, 50.5066, 36.0367
YIQ	167.6500, -50.4260, -44.2980

# Conversions

## Conversions Part 2

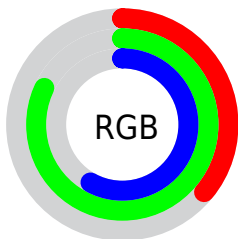
Format	Color
<a href="#">RYB</a>	<a href="#">92, 172, 210</a>
Decimal	<a href="#">6083220</a>
CIELab	<a href="#">76.38, -47.46, 20.93</a>
CIELCh	<a href="#">76, 51.867, 156.200</a>
Yxy	<a href="#">50.5066, 0.2749, 0.4232</a>
Android (android.graphics.Color)	<a href="#">4284273300 (0xFF5CD294)</a>
YUV	<a href="#">167.6500, -9.6874, -66.3450</a>
Hunter-Lab	<a href="#">71.0680, -41.9721, 19.6832</a>

# Details

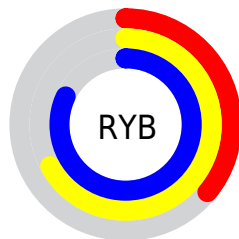
The Hex color **5CD294** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D25C9A**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **97FFCA**, and **139B61** is the 20% darker color. If you saturate the color by 10%, you get **47D289**, and if you desaturate by 10%, it is **71D29F**.

# Distribution



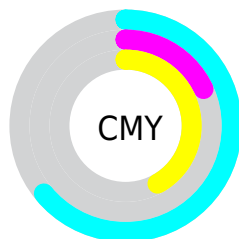
- Red (36%)
- Green (82%)
- Blue (58%)



- Red (36%)
- Yellow (67%)
- Blue (82%)



- Cyan (56%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)



- Cyan (64%)
- Magenta (18%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5CD294 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 5CD294 by changing the saturation by 10% instead.



 5CD294

 5CD294

FFFFFF

 3DB67A

 97FFCA

 139B61

 B4FFE6

 008049

 D1FFFF

 006632

 EFFFFFF

 004D1C

 003504

 001E00

 000000

 5CD294

 5CD294

■ 47D289

■ 71D29F

■ 32D27E

■ 86D2AA

■ 1DD273

■ 9BD2B5

■ 08D268

■ B0D2C0

■ 00D264

■ C5D2CB

■ DAD2D6

■ EFD2E1

■ FFD2EC

■ FFD2F7

# Harmonies

## Analogous

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



9DCA6C



5CD294



00D5C5

# Triad

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



5CD294



7EBEFF



FF9C86

# Complementary

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



5CD294



D25C9A

# 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.



FF94B4



5CD294



CEACFF

# Square

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



5CD294



00CCFF



FF9BE4



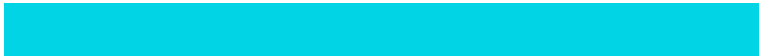
F8AC65

# Rectangle

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



5CD294



00D4E5



FF9BE4



FF9895

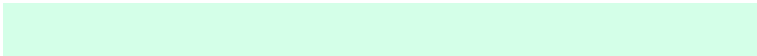


# Sweetspot

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



5CD294



D4FFE8



9BD25C



668072



000000



808080



# Same Dimension

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



5CD294



54FFA5



5CD2CE



5E6963



00A850



002913



# Inverse Universe

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



D25C9A



FF54AE



D25C60



695E64



A80058

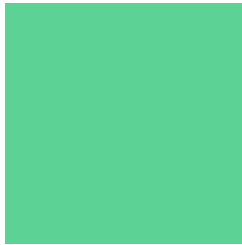


290015



# Previews

## White Background



This preview shows how the Hex color 5CD294 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 5CD294 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 5CD294 Background



This preview shows how black text looks on a background with the Hex color 5CD294.

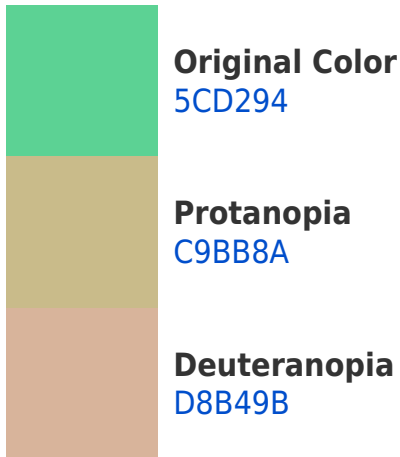


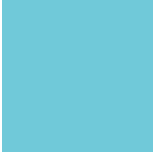
This preview shows how white text looks on a background with the Hex color 5CD294.

# 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**  
70C9D9

# Trichromacy



**Original Color**  
5CD294



**Protanomaly**  
A1C38E



**Deuteranomaly**  
ABBF98



**Tritanomaly**  
69CCC0

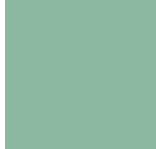
# Monochromacy



**Original Color**  
5CD294



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
8CB7A1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5CD294 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 #5CD294 looks like.

```
.text, #text, p{  
    color:#5CD294  
}
```

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 #5CD294 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CD294
}
```

## Border

The CSS property to change the border of an element to Hex 5CD294 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
#5CD294 }
```

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

```
.border{ border-color:#5CD294 }
```

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

Here you see how a box with a 4 pixel #5CD294 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CD294; -webkit-box-shadow:4px 4px  
4px 4px #5CD294; box-shadow:4px 4px 4px  
4px #5CD294 }
```

# Background

The CSS property to change the background color of an element to Hex 5CD294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CD294 }
```

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

```
.background{ background-color:#5CD294 }
```

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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