

Converting Colors

Hex(5FD495)

Have a look what the booklet for
Hex(5FD495) contains.

Hex(5FD495)	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(5FD495)

Conversions

Conversions Part 1

Format	Color
Hex	5FD495
RGB	95, 212, 149
RGB Percent	37%, 83%, 58%
CMY	0.6275, 0.1686, 0.4157
CMYK	0.55, 0.00, 0.30, 0.17
HSL	148°, 58%, 60%
HSV	148°, 55%, 83%
XYZ	33.6876, 51.6898, 36.6354
YIQ	169.8350, -49.5090, -44.3970

Conversions

Conversions Part 2

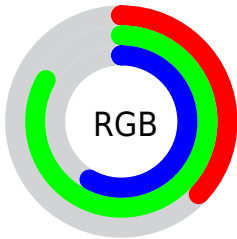
Format	Color
RYB	95, 175, 212
Decimal	6280341
CIELab	77.09, -47.43, 21.40
CIELCh	77, 52.032, 155.710
Yxy	51.6898, 0.2761, 0.4236
Android (android.graphics.Color)	4284470421 (0xFF5FD495)
YUV	169.8350, -10.2717, -65.6303
Hunter-Lab	71.8956, -42.1788, 20.1149

Details

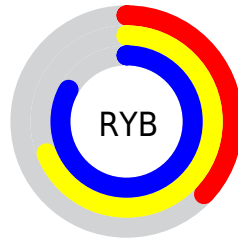
The Hex color **5FD495** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D45F9E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **99FFCB**, and **1A9C62** is the 20% darker color. If you saturate the color by 10%, you get **4AD48A**, and if you desaturate by 10%, it is **74D4A0**.

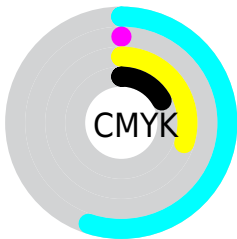
Distribution



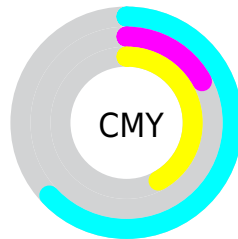
- Red (37%)
- Green (83%)
- Blue (58%)



- Red (37%)
- Yellow (69%)
- Blue (83%)



- Cyan (55%)
- Magenta (0%)
- Yellow (30%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD495 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 5FD495 by changing the saturation by 10% instead.

 5FD495

 5FD495

FFFFFF

 40B87B

 99FFCB

 1A9C62

 B7FFE8

 00824A

 D4FFFF

 006833

 F2FFFF

 004F1D

 003705

 002000

 000000

 5FD495

 5FD495

 4AD48A

 74D4A0

 35D47E

 89D4AC

 1FD473

 9FD4B7

 0AD467

 B4D4C3

 00D462

 C9D4CE

 DED4D9

 F3D4E5

 FFD4F0

 FFD4FC

Harmonies

Analogous

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



A0CC6D



5FD495



00D7C6

Triad

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



5FD495



7FC0FF



FF9D89

Complementary

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



5FD495



D45F9E

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.



FF96B7



5FD495



CFAEFF

Square

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



5FD495



00CEFF



FF9DE7



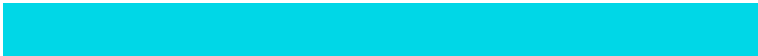
FBAE67

Rectangle

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



5FD495



00D7E7



FF9DE7



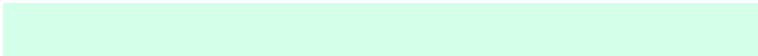
FF9A97

Sweetspot

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



5FD495



D4FFE8



9FD45F



668072



000000



808080

Same Dimension

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



5FD495



57FFA4



5FD4CE



606B65



00AB4F



002B14

Inverse Universe

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



D45F9E



FF57B1



D45F65



6B6066



AB005C



2B0017

Previews

White Background



This preview shows how the Hex color 5FD495 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 5FD495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

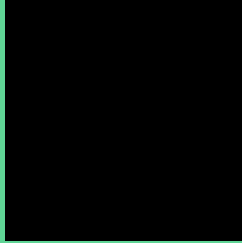
Any Text WCAG AA ✓ Pass

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 5FD495 Background



This preview shows how black text looks on a background with the Hex color 5FD495.

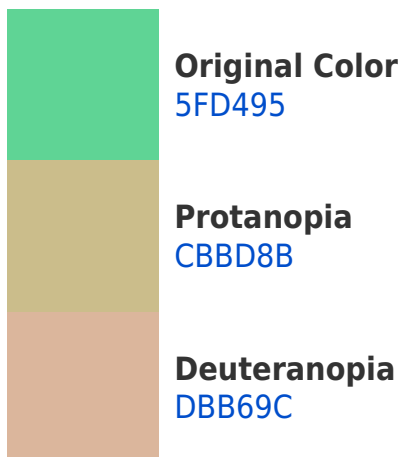


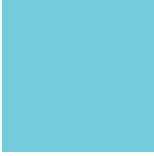
This preview shows how white text looks on a background with the Hex color 5FD495.

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



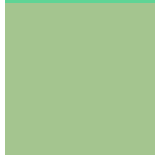


Tritanopia
73CBDB

Trichromacy



Original Color
5FD495



Protanomaly
A4C58F



Deuteranomaly
AEC199



Tritanomaly
6CCEC2

Monochromacy



Original Color
5FD495



Achromatopsia
AAAAAA



Achromatomaly
8FB9A2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD495 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 #5FD495 looks like.

```
.text, #text, p{  
    color:#5FD495  
}
```

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 #5FD495 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD495
}
```

Border

The CSS property to change the border of an element to Hex 5FD495 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
#5FD495 }
```

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

```
.border{ border-color:#5FD495 }
```

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

Here you see how a box with a 4 pixel #5FD495 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD495; -webkit-box-shadow:4px 4px  
4px 4px #5FD495; box-shadow:4px 4px 4px  
4px #5FD495 }
```

Background

The CSS property to change the background color of an element to Hex 5FD495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD495 }
```

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

```
.background{ background-color:#5FD495 }
```

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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