

Converting Colors

Hex(5FD793)

Have a look what the booklet for
Hex(5FD793) contains.

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Color

Hex(5FD793)

Conversions

Conversions Part 1

Format	Color
Hex	5FD793
RGB	95, 215, 147
RGB Percent	37%, 84%, 58%
CMY	0.6275, 0.1569, 0.4235
CMYK	0.56, 0.00, 0.32, 0.16
HSL	146°, 60%, 61%
HSV	146°, 56%, 84%
XYZ	34.2862, 53.1404, 36.0538
YIQ	171.3680, -49.6920, -46.5880

Conversions

Conversions Part 2

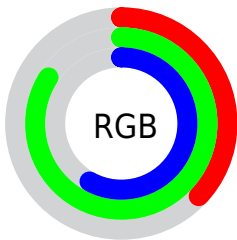
Format	Color
RYB	95, 179, 215
Decimal	6281107
CIELab	77.96, -49.06, 23.63
CIElCh	78, 54.456, 154.282
Yxy	53.1404, 0.2777, 0.4304
Android (android.graphics.Color)	4284471187 (0xFF5FD793)
YUV	171.3680, -12.0134, -66.9747
Hunter-Lab	72.8974, -43.6157, 21.7044

Details

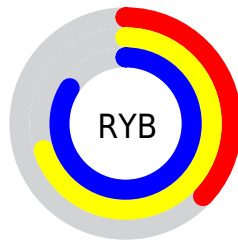
The Hex color **5FD793** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **D75FA3**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **9AFFC9**, and **189F60** is the 20% darker color. If you saturate the color by 10%, you get **4AD787**, and if you desaturate by 10%, it is **75D79F**.

Distribution



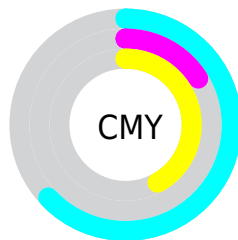
- Red (37%)
- Green (84%)
- Blue (58%)



- Red (37%)
- Yellow (70%)
- Blue (84%)



- Cyan (56%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)



- Cyan (63%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5FD793 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 5FD793 by changing the saturation by 10% instead.

 5FD793

 5FD793

FFFFFF

 40BB79

 9AFFC9

 189F60

 B7FFE6

 008448

 D5FFFF

 006A31

 F2FFFF

 00511A

 003902

 002300

 000000

 5FD793

 5FD793

 4AD787

 75D79F

 34D77B

 8AD7AB

 1ED76E

 A0D7B8

 09D762

 B5D7C4

 00D75D

 CBD7D0

 E0D7DC

 F6D7E8

 FFD7F4

 FFD7FF

Harmonies

Analogous

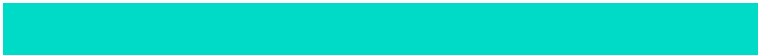
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A3CE6A



5FD793



00DBC7

Triad

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



5FD793



77C4FF



FF9D8A

Complementary

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



5FD793



D75FA3

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.



FF96BB



5FD793



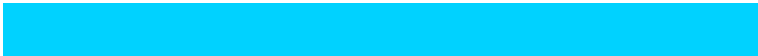
CEB1FF

Square

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



5FD793



00D2FF



FF9EEE



FFAE66

Rectangle

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



5FD793



00DAE9



FF9EEE



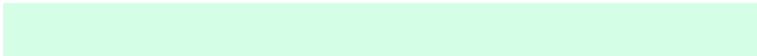
FF999A

Sweetspot

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



5FD793



D4FFE6



A3D75F



668071



000000



808080

Same Dimension

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



5FD793



54FF9E



5FD7CF



606B65



00AB4A



002B13

Inverse Universe

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



D75FA3



FF54B5



D75F67



6B6066



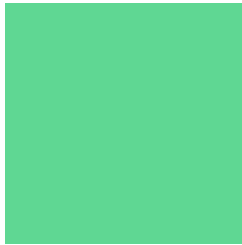
AB0061



2B0019

Previews

White Background



This preview shows how the Hex color 5FD793 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 5FD793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

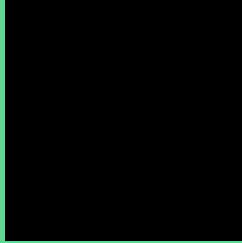
Any Text WCAG AA ✓ Pass

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 5FD793 Background



This preview shows how black text looks on a background with the Hex color 5FD793.

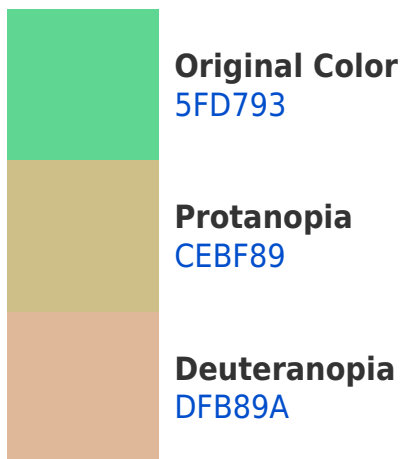


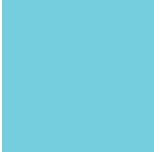
This preview shows how white text looks on a background with the Hex color 5FD793.

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





Trichromacy



Original Color
5FD793



Protanomaly
A6C88D



Deuteranomaly
B0C397



Tritanomaly
6DD1C3

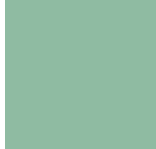
Monochromacy



Original Color
5FD793



Achromatopsia
ABABAB



Achromatomaly
8FBBA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 5FD793 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 #5FD793 looks like.

```
.text, #text, p{  
    color:#5FD793  
}
```

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 #5FD793 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FD793
}
```

Border

The CSS property to change the border of an element to Hex 5FD793 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
#5FD793 }
```

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

```
.border{ border-color:#5FD793 }
```

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

Here you see how a box with a 4 pixel #5FD793 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FD793; -webkit-box-shadow:4px 4px  
4px 4px #5FD793; box-shadow:4px 4px 4px  
4px #5FD793 }
```

Background

The CSS property to change the background color of an element to Hex 5FD793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FD793 }
```

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

```
.background{ background-color:#5FD793 }
```

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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