

Converting Colors

Hex(05F79D)

Have a look what the booklet for
Hex(05F79D) contains.

Hex(05F79D)	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(05F79D)

Conversions

Conversions Part 1

Format	Color
Hex	05F79D
RGB	5, 247, 157
RGB Percent	2%, 97%, 62%
CMY	0.9804, 0.0314, 0.3843
CMYK	0.98, 0.00, 0.36, 0.03
HSL	158°, 96%, 49%
HSV	158°, 98%, 97%
XYZ	39.4092, 68.9881, 43.1373
YIQ	164.3820, -115.3420, -79.2940

Conversions

Conversions Part 2

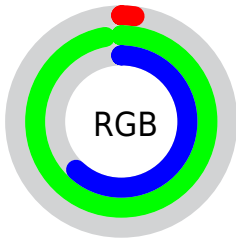
Format	Color
RYB	5, 154, 247
Decimal	391069
CIELab	86.50, -68.96, 29.83
CIELCh	86, 75.137, 156.609
Yxy	68.9881, 0.2601, 0.4553
Android (android.graphics.Color)	4278581149 (0xFF05F79D)
YUV	164.3820, -3.6393, -139.7780
Hunter-Lab	83.0591, -60.6603, 27.3487

Details

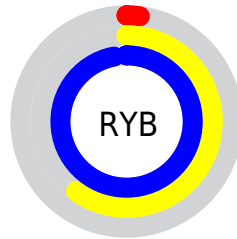
The Hex color **05F79D** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **F7055F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **72FFD4**, and **00BD69** is the 20% darker color. If you saturate the color by 10%, you get **00F79B**, and if you desaturate by 10%, it is **1EF7A6**.

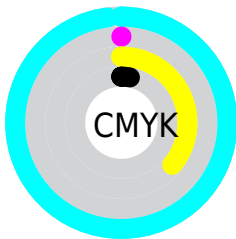
Distribution



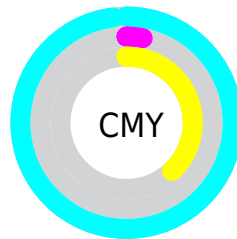
- Red (2%)
- Green (97%)
- Blue (62%)



- Red (2%)
- Yellow (60%)
- Blue (97%)



- Cyan (98%)
- Magenta (0%)
- Yellow (36%)
- Black (3%)



- Cyan (98%)
- Magenta (3%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 05F79D 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 05F79D by changing the saturation by 10% instead.

 05F79D

 05F79D

FFFFFF

 00DA83

 72FFD4

 00BD69

 94FFF1

 00A150

 B5FFFF

 008638

 D5FFFF

 006B21

 F5FFFF

 005108

 003900

 001F00

 000000

 05F79D

 05F79D

 00F79B

 1EF7A6

 36F7AF

 4FF7B9

 68F7C2

 81F7CB

 99F7D4

 B2F7DD

 CBF7E6

 E3F7F0

Harmonies

Analogous

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



A5EC5E



05F79D



00FBE7

Triad

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



05F79D



5FDBFF



FFA587

Complementary

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



05F79D



F7055F

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.



FF96CC



05F79D



F0BFFF

Square

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



05F79D



00EFFF



FFA2FF



FFC052

Rectangle

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



05F79D



00FAFF



FFA2FF



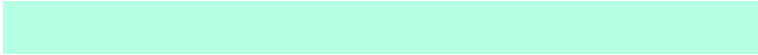
FF9D9D

Sweetspot

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



05F79D



B5FFE3



62F705



53806F



000000



808080

Same Dimension

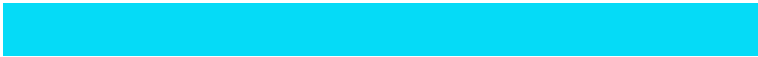
The Same Dimension uses a secret algorithm to generate beautiful new colors.



05F79D



00FFA0



05DBF7



6E7A76



00BA75



003B25

Inverse Universe

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



F7055F



FF005F



F72105



7A6E73



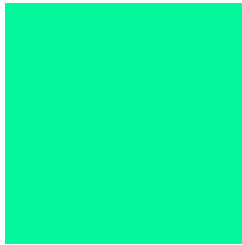
BA0045



3B0016

Previews

White Background



This preview shows how the Hex color 05F79D 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 05F79D 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 05F79D Background



This preview shows how black text looks on a background with the Hex color 05F79D.

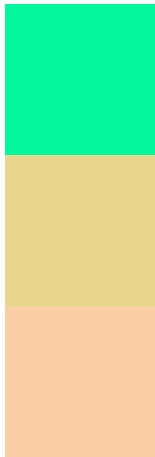


This preview shows how white text looks on a background with the Hex color 05F79D.

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](#).

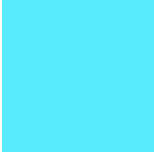
Dichromacy



Original Color
05F79D

Protanopia
E8D68F

Deuteranopia
FBCEA6



Tritanopia
58EBFE

Trichromacy



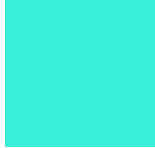
Original Color
05F79D



Protanomaly
95E294



Deuteranomaly
A2DDA3



Tritanomaly
3AEFDB

Monochromacy



Original Color
05F79D



Achromatopsia
A4A4A4



Achromatomaly
6AC2A1

CSS Examples

Text

The CSS property to change the color of the text to Hex 05F79D 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 #05F79D looks like.

```
.text, #text, p{  
    color:#05F79D  
}
```

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 #05F79D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #05F79D
}
```

Border

The CSS property to change the border of an element to Hex 05F79D 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
#05F79D }
```

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

```
.border{ border-color:#05F79D }
```

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

Here you see how a box with a 4 pixel #05F79D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #05F79D; -webkit-box-shadow:4px 4px  
4px 4px #05F79D; box-shadow:4px 4px 4px  
4px #05F79D }
```

Background

The CSS property to change the background color of an element to Hex 05F79D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#05F79D }
```

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

```
.background{ background-color:#05F79D }
```

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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