

Converting Colors

Hex(3DD79C)

Have a look what the booklet for
Hex(3DD79C) contains.

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Color

Hex(3DD79C)

Conversions

Conversions Part 1

Format	Color
Hex	3DD79C
RGB	61, 215, 156
RGB Percent	24%, 84%, 61%
CMY	0.7608, 0.1569, 0.3882
CMYK	0.72, 0.00, 0.27, 0.16
HSL	157°, 66%, 54%
HSV	157°, 72%, 84%
XYZ	32.2257, 51.9933, 39.7897
YIQ	162.2280, -72.8450, -50.9970

Conversions

Conversions Part 2

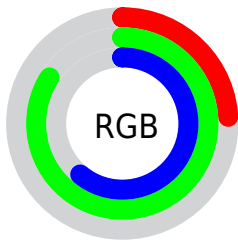
Format	Color
RYB	61, 156, 215
Decimal	4052892
CIELab	77.28, -53.40, 17.83
CIELCh	77, 56.303, 161.534
Yxy	51.9933, 0.2599, 0.4193
Android (android.graphics.Color)	4282242972 (0xFF3DD79C)
YUV	162.2280, -3.0704, -88.7770
Hunter-Lab	72.1064, -46.4112, 17.7571

Details

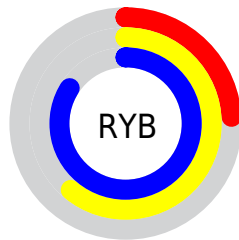
The Hex color **3DD79C** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D73D78**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **80FFD3**, and **009F69** is the 20% darker color. If you saturate the color by 10%, you get **28D794**, and if you desaturate by 10%, it is **53D7A4**.

Distribution



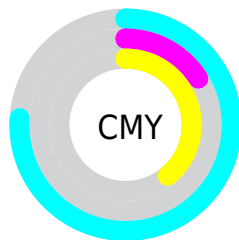
- Red (24%)
- Green (84%)
- Blue (61%)



- Red (24%)
- Yellow (61%)
- Blue (84%)



- Cyan (72%)
- Magenta (0%)
- Yellow (27%)
- Black (16%)



- Cyan (76%)
- Magenta (16%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3DD79C 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 3DD79C by changing the saturation by 10% instead.



3DD79C



3DD79C

FFFFFF



00BB82



80FFD3



009F69



9FFFEF



008450



BDFFFF



006A39



DBFFFF



005023



FAFFFF



00380E



002100



000000



3DD79C



3DD79C

 28D794

 53D7A4

 12D78C

 68D7AC

 00D785

 7ED7B5

 93D7BD

 A9D7C5

 BED7CD

 D4D7D6

 E9D7DE

 FFD7E6

Harmonies

Analogous

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



91CF6E



3DD79C



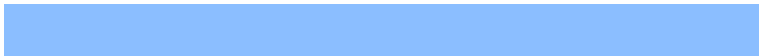
00D9D2

Triad

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



3DD79C



8BBEFF



FF9E7C

Complementary

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



3DD79C



D73D78

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.



FF93AD



3DD79C



DDA9FF

Square

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



3DD79C



00CDFE



FF97E1



F8B05B

Rectangle

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



3DD79C



00D8F4



FF97E1



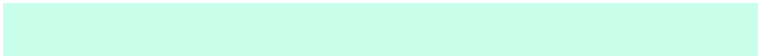
FF998B

Sweetspot

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



3DD79C



C9FFEA



78D73D



608073



000000



808080

Same Dimension

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



3DD79C



24FFAB



3DC5D7



606B67



00AB69



002B1B

Inverse Universe

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



D73D78



FF2478



D74F3D



6B6064



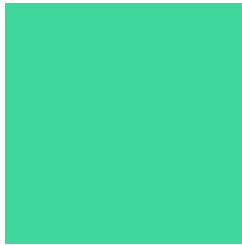
AB0041



2B0011

Previews

White Background



This preview shows how the Hex color 3DD79C 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 3DD79C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

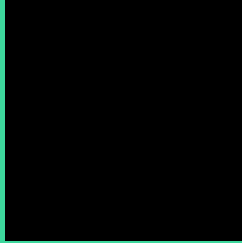
Any Text WCAG AA ✓ Pass

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 3DD79C Background



This preview shows how black text looks on a background with the Hex color 3DD79C.

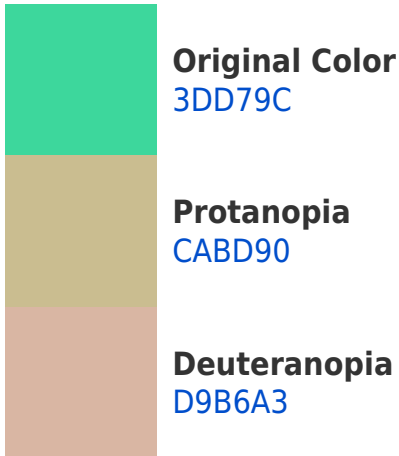


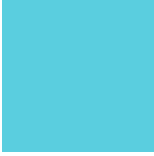
This preview shows how white text looks on a background with the Hex color 3DD79C.

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



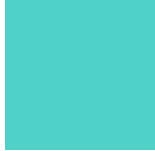
Original Color
3DD79C



Protanomaly
97C694



Deuteranomaly
A0C2A0



Tritanomaly
4FD1C7

Monochromacy



Original Color
3DD79C



Achromatopsia
A2A2A2



Achromatomaly
7DB5A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 3DD79C 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 #3DD79C looks like.

```
.text, #text, p{  
    color:#3DD79C  
}
```

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 #3DD79C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DD79C
}
```

Border

The CSS property to change the border of an element to Hex 3DD79C 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
#3DD79C }
```

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

```
.border{ border-color:#3DD79C }
```

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

Here you see how a box with a 4 pixel #3DD79C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DD79C; -webkit-box-shadow:4px 4px  
4px 4px #3DD79C; box-shadow:4px 4px 4px  
4px #3DD79C }
```

Background

The CSS property to change the background color of an element to Hex 3DD79C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DD79C }
```

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

```
.background{ background-color:#3DD79C }
```

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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