

Converting Colors

Hex(2DC799)

Have a look what the booklet for
Hex(2DC799) contains.

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Color

Hex(2DC799)

Conversions

Conversions Part 1

Format	Color
Hex	2DC799
RGB	45, 199, 153
RGB Percent	18%, 78%, 60%
CMY	0.8235, 0.2196, 0.4000
CMYK	0.77, 0.00, 0.23, 0.22
HSL	162°, 63%, 48%
HSV	162°, 77%, 78%
XYZ	27.2554, 43.7046, 37.1363
YIQ	147.7100, -77.0180, -46.9540

Conversions

Conversions Part 2

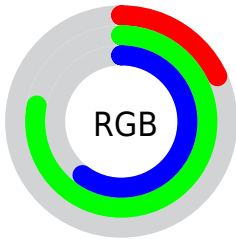
Format	Color
RYB	45, 136, 199
Decimal	3000217
CIELab	72.03, -49.73, 12.04
CIELCh	72, 51.162, 166.388
Yxy	43.7046, 0.2521, 0.4043
Android (android.graphics.Color)	4281190297 (0xFF2DC799)
YUV	147.7100, 2.6080, -90.0767
Hunter-Lab	66.1095, -42.1003, 12.9711

Details

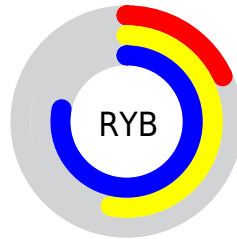
The Hex color **2DC799** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C72D5B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **73FFCF**, and **009066** is the 20% darker color. If you saturate the color by 10%, you get **19C793**, and if you desaturate by 10%, it is **41C79F**.

Distribution



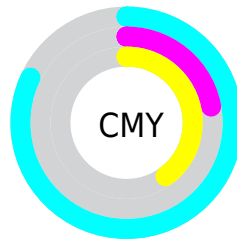
- Red (18%)
- Green (78%)
- Blue (60%)



- Red (18%)
- Yellow (53%)
- Blue (78%)



- Cyan (77%)
- Magenta (0%)
- Yellow (23%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DC799 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 2DC799 by changing the saturation by 10% instead.

 2DC799

 2DC799

FFFFFF

 00AB7F

 73FFCF

 009066

 92FFEC

 00754E

 B0FFFF

 005C37

 CFFFFFF

 004321

 EDFFFF

 002D0C

 000E00

 000000

 2DC799

 2DC799

■ 19C793

■ 41C79F

■ 05C78D

■ 55C7A5

■ 00C78C

■ 69C7AB

■ 7DC7B1

■ 91C7B7

■ A4C7BD

■ B8C7C3

■ CCC7C9

■ E0C7CE

Harmonies

Analogous

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



7EC16E



2DC799



00C8C9

Triad

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



2DC799



91ADFF



FD966F

Complementary

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



2DC799



C72D5B

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.



FF8A99



2DC799



D59AF1

Square

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



2DC799



00BCFF



FC8CC8



DFA654

Rectangle

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



2DC799



00C7E7



FC8CC8



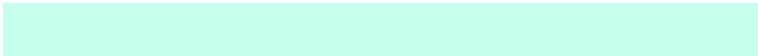
FF917C

Sweetspot

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



2DC799



C4FFED



5BC72D



5C8075



000000



808080

Same Dimension

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



2DC799



12FFB8



2DA8C7



5A6360



00A372



002419

Inverse Universe

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



C72D5B



FF1259



C74C2D



635A5C



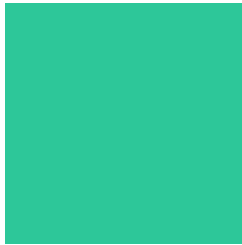
A30031



24000B

Previews

White Background



This preview shows how the Hex color 2DC799 looks on a white background.

Color Contrast Check

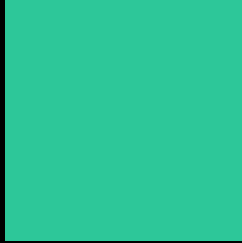
Large Text (above 18pt) WCAG AA × Fail

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 2DC799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

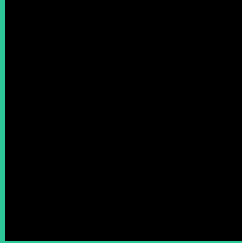
Any Text WCAG AA ✓ Pass

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 2DC799 Background



This preview shows how black text looks on a background with the Hex color 2DC799.



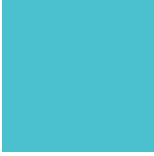
This preview shows how white text looks on a background with the Hex color 2DC799.

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
2DC799



Protanomaly
87B891



Deuteranomaly
8EB49D



Tritanomaly
40C3BB

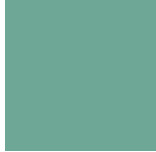
Monochromacy



Original Color
2DC799



Achromatopsia
949494



Achromatomaly
6FA796

CSS Examples

Text

The CSS property to change the color of the text to Hex 2DC799 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 #2DC799 looks like.

```
.text, #text, p{  
    color:#2DC799  
}
```

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 #2DC799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DC799
}
```

Border

The CSS property to change the border of an element to Hex 2DC799 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
#2DC799 }
```

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

```
.border{ border-color:#2DC799 }
```

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

Here you see how a box with a 4 pixel #2DC799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DC799; -webkit-box-shadow:4px 4px  
4px 4px #2DC799; box-shadow:4px 4px 4px  
4px #2DC799 }
```

Background

The CSS property to change the background color of an element to Hex 2DC799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DC799 }
```

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

```
.background{ background-color:#2DC799 }
```

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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