

Converting Colors

Hex(29CD89)

Have a look what the booklet for
Hex(29CD89) contains.

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Color

Hex(29CD89)

Conversions

Conversions Part 1

Format	Color
Hex	29CD89
RGB	41, 205, 137
RGB Percent	16%, 80%, 54%
CMY	0.8392, 0.1961, 0.4627
CMYK	0.80, 0.00, 0.33, 0.20
HSL	155°, 67%, 48%
HSV	155°, 80%, 80%
XYZ	27.2611, 45.9402, 31.0974
YIQ	148.2120, -75.9160, -55.9160

Conversions

Conversions Part 2

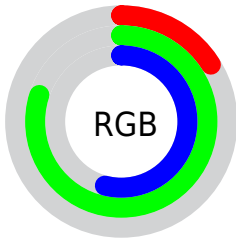
Format	Color
RYB	41, 144, 205
Decimal	2739593
CIELab	73.51, -56.06, 22.61
CIELCh	74, 60.453, 158.035
Yxy	45.9402, 0.2614, 0.4405
Android (android.graphics.Color)	4280929673 (0xFF29CD89)
YUV	148.2120, -5.5275, -94.0249
Hunter-Lab	67.7792, -46.8200, 20.2429

Details

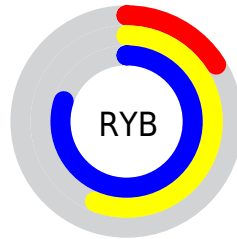
The Hex color **29CD89** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CD296D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **72FFBF**, and **009557** is the 20% darker color. If you saturate the color by 10%, you get **14CD81**, and if you desaturate by 10%, it is **3ECD92**.

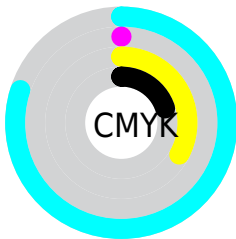
Distribution



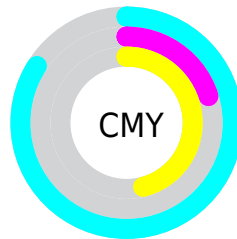
- Red (16%)
- Green (80%)
- Blue (54%)



- Red (16%)
- Yellow (56%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29CD89 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 29CD89 by changing the saturation by 10% instead.

 29CD89

 29CD89

FFFFFF

 00B16F


 72FFBF

 009557

 91FFDB

 007B3F

 B0FFF7

 006128

 CEFFFF

 004712

 EDFFFF

 003100

 001500

 000000

 29CD89

 29CD89

 14CD81

 3ECD92

 00CD78

 52CD9A

 67CDA3

 7BCDAB

 90CDB4

 A4CDBC

 B9CDC5

 CDCDCD

 E2CDD6

Harmonies

Analogous

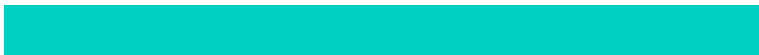
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8AC559



29CD89



00D0C2

Triad

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



29CD89



68B6FF



FF8E73

Complementary

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



29CD89



CD296D

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.



FF83A8



29CD89



CCA0FF

Square

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



29CD89



00C5FF



FF8BDF



F4A34C

Rectangle

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



29CD89



00CFE7



FF8BDF



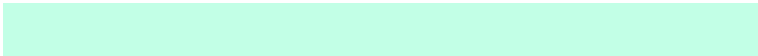
FF8984

Sweetspot

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



29CD89



C2FFE6



6DCD29



5B8070



000000



808080

Same Dimension

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



29CD89



0AFF99



29BFCD



5C6662



00A661



002616

Inverse Universe

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



CD296D



FF0A70



CD3729



665C60



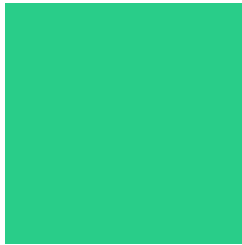
A60045



260010

Previews

White Background



This preview shows how the Hex color 29CD89 looks on a white background.

Color Contrast Check

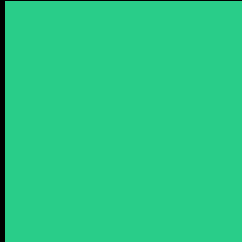
Large Text (above 18pt) WCAG AA × Fail

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 29CD89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

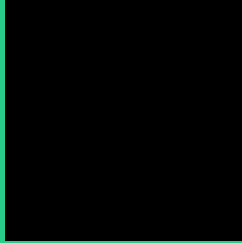
Any Text WCAG AA ✓ Pass

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 29CD89 Background



This preview shows how black text looks on a background with the Hex color 29CD89.

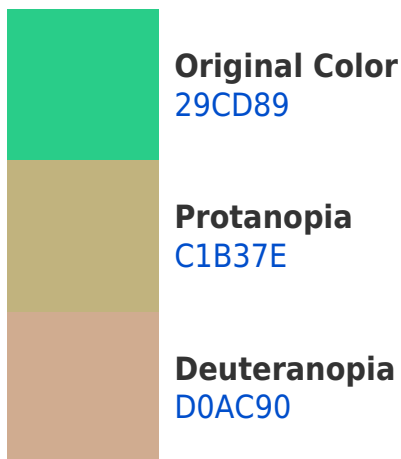


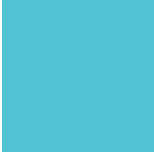
This preview shows how white text looks on a background with the Hex color 29CD89.

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
50C4D4

Trichromacy



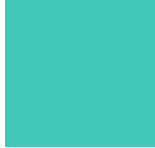
Original Color
29CD89



Protanomaly
8ABC82



Deuteranomaly
93B88D



Tritanomaly
42C7B9

Monochromacy



Original Color
29CD89



Achromatopsia
949494



Achromatomaly
6DA990

CSS Examples

Text

The CSS property to change the color of the text to Hex 29CD89 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 #29CD89 looks like.

```
.text, #text, p{  
    color:#29CD89  
}
```

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 #29CD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29CD89
}
```

Border

The CSS property to change the border of an element to Hex 29CD89 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
#29CD89 }
```

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

```
.border{ border-color:#29CD89 }
```

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

Here you see how a box with a 4 pixel #29CD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29CD89; -webkit-box-shadow:4px 4px  
4px 4px #29CD89; box-shadow:4px 4px 4px  
4px #29CD89 }
```

Background

The CSS property to change the background color of an element to Hex 29CD89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29CD89 }
```

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

```
.background{ background-color:#29CD89 }
```

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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