

# Converting Colors

Hex(2CCD89)

Have a look what the booklet for  
Hex(2CCD89) contains.

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# Color

**Hex(2CCD89)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CCD89
RGB	44, 205, 137
RGB Percent	17%, 80%, 54%
CMY	0.8275, 0.1961, 0.4627
CMYK	0.79, 0.00, 0.33, 0.20
HSL	155°, 65%, 49%
HSV	155°, 79%, 80%
XYZ	27.3854, 46.0043, 31.1033
YIQ	149.1090, -74.1280, -55.2800

# Conversions

## Conversions Part 2

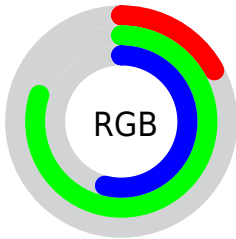
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 146, 205
Decimal	2936201
CIELab	73.55, -55.74, 22.68
CIELCh	74, 60.179, 157.864
Yxy	46.0043, 0.2621, 0.4403
Android (android.graphics.Color)	4281126281 (0xFF2CCD89)
YUV	149.1090, -5.9697, -92.1806
Hunter-Lab	67.8264, -46.6257, 20.2898

# Details

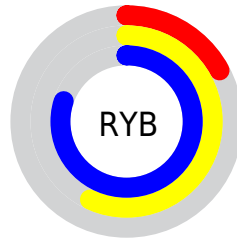
The Hex color **2CCD89** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CD2C70**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **74FFBF**, and **009557** is the 20% darker color. If you saturate the color by 10%, you get **18CD80**, and if you desaturate by 10%, it is **41CD92**.

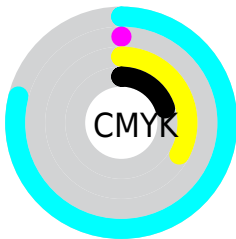
# Distribution



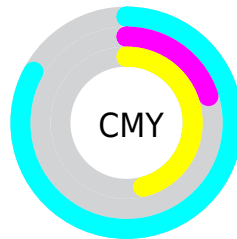
- Red (17%)
- Green (80%)
- Blue (54%)



- Red (17%)
- Yellow (57%)
- Blue (80%)



- Cyan (79%)
- Magenta (0%)
- Yellow (33%)
- Black (20%)



- Cyan (83%)
- Magenta (20%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CCD89 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 2CCD89 by changing the saturation by 10% instead.



 2CCD89

 2CCD89

FFFFFF

 00B16F

 74FFBF

 009557

 93FFDB

 007B3F

 B1FFF7

 006128

 CFFFFFF

 004712

 EFFFFFF

 003100

 001500

 000000

 2CCD89

 2CCD89

 18CD80

 41CD92

 03CD78

 55CD9A

 00CD76

 6ACDA3

 7ECDAC

 93CDB4

 A7CDBD

 BCCDC6

 D0CDCE

 E5CDD7

# Harmonies

## Analogous

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



8BC559



2CCD89



00D0C2

# Triad

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



2CCD89



68B6FF



FF8E74

# Complementary

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



2CCD89



CD2C70

# 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



2CCD89



CBA0FF

# Square

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



2CCD89



00C6FF



FF8BDF



F5A34C

# Rectangle

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



2CCD89



00CFE7



FF8BDF



FF8984

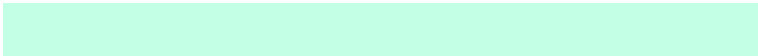


# Sweetspot

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



2CCD89



C2FFE5



72CD2C



5B8070



000000



808080



# Same Dimension

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



2CCD89



0FFF9A



2CC2CD



5C6662



00A660



002616



# Inverse Universe

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



CD2C70



FF0F75



CD372C



665C60



A60046

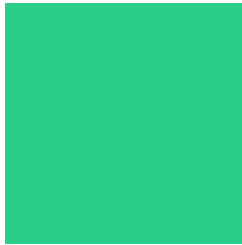


260010



# Previews

## White Background



This preview shows how the Hex color 2CCD89 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 2CCD89 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 2CCD89 Background



This preview shows how black text looks on a background with the Hex color 2CCD89.

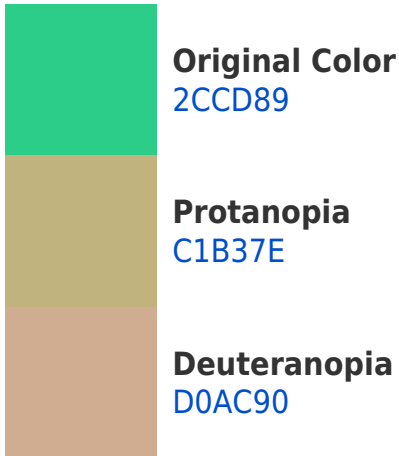


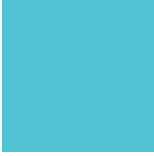
This preview shows how white text looks on a background with the Hex color 2CCD89.

# 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](#).

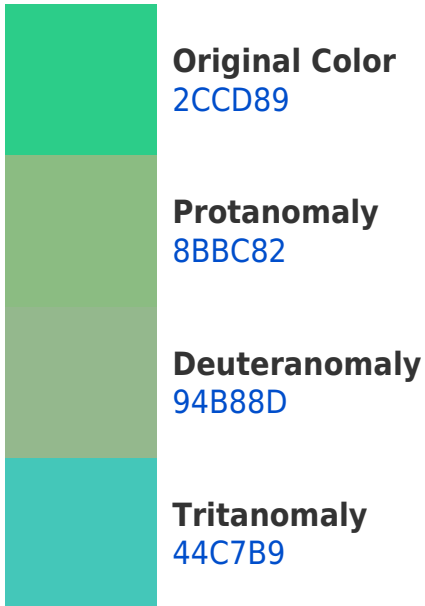
## Dichromacy



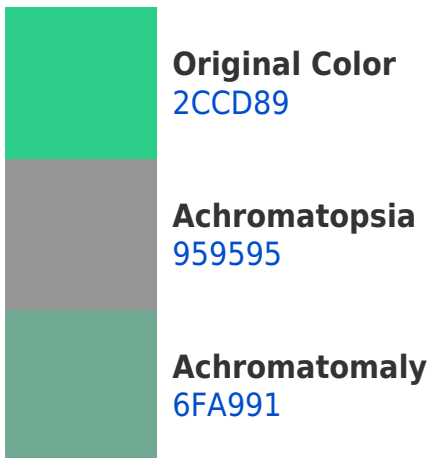


**Tritanopia**  
51C4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CCD89 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 #2CCD89 looks like.

```
.text, #text, p{  
    color:#2CCD89  
}
```

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 #2CCD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CCD89
}
```

## Border

The CSS property to change the border of an element to Hex 2CCD89 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
#2CCD89 }
```

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

```
.border{ border-color:#2CCD89 }
```

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

Here you see how a box with a 4 pixel #2CCD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CCD89; -webkit-box-shadow:4px 4px  
4px 4px #2CCD89; box-shadow:4px 4px 4px  
4px #2CCD89 }
```

# Background

The CSS property to change the background color of an element to Hex 2CCD89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CCD89 }
```

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

```
.background{ background-color:#2CCD89 }
```

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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