

Converting Colors

Hex(26DD89)

Have a look what the booklet for
Hex(26DD89) contains.

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Color

Hex(26DD89)

Conversions

Conversions Part 1

Format	Color
Hex	26DD89
RGB	38, 221, 137
RGB Percent	15%, 87%, 54%
CMY	0.8510, 0.1333, 0.4627
CMYK	0.83, 0.00, 0.38, 0.13
HSL	152°, 73%, 51%
HSV	152°, 83%, 87%
XYZ	31.1711, 53.9311, 32.4338
YIQ	156.7070, -82.1040, -64.9200

Conversions

Conversions Part 2

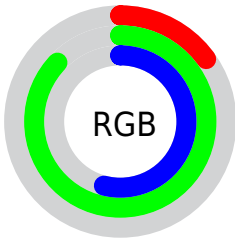
Format	Color
RYB	38, 157, 221
Decimal	2547081
CIELab	78.42, -62.18, 29.23
CIELCh	78, 68.709, 154.827
Yxy	53.9311, 0.2652, 0.4588
Android (android.graphics.Color)	4280737161 (0xFF26DD89)
YUV	156.7070, -9.7156, -104.1060
Hunter-Lab	73.4378, -52.7507, 25.2211

Details

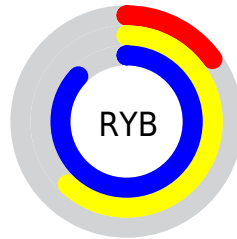
The Hex color **26DD89** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DD267A**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **74FFBF**, and **00A456** is the 20% darker color. If you saturate the color by 10%, you get **10DD7F**, and if you desaturate by 10%, it is **3CDD93**.

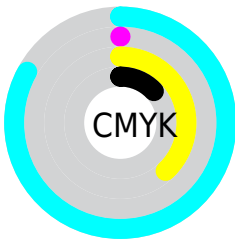
Distribution



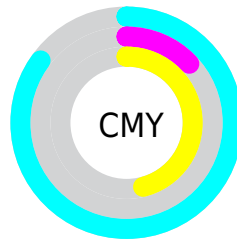
- Red (15%)
- Green (87%)
- Blue (54%)



- Red (15%)
- Yellow (62%)
- Blue (87%)



- Cyan (83%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)



- Cyan (85%)
- Magenta (13%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26DD89 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 26DD89 by changing the saturation by 10% instead.

 26DD89

 26DD89

FFFFFF

 00C06F

 74FFBF

 00A456

 94FFDB

 00893E

 B4FFF8

 006F27

 D2FFFF

 00550F

 F2FFFF

 003C00

 002400

 000000

 26DD89

 26DD89

 10DD7F

 3CDD93

 00DD78

 52DD9D

 68DDA7

 7EDDB2

 95DDBC

 ABDDC6

 C1DDD0

 D7DDDA

 EDDDE4

Harmonies

Analogous

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



98D352



26DD89



00E1CB

Triad

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



26DD89



48C6FF



FF927D

Complementary

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



26DD89



DD267A

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.



FF87BA



26DD89



D2ADFF

Square

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



26DD89



00D7FF



FF93FA



FFAB4C

Rectangle

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



26DD89



00E1F6



FF93FA



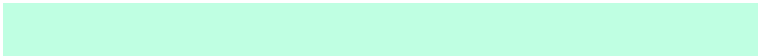
FF8C90

Sweetspot

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



26DD89



BFFFE2



7BDD26



59806E



000000



808080

Same Dimension

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



26DD89



03FF8B



26D7DD



636E69



00AD5E



002E19

Inverse Universe

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



DD267A



FF0376



DD2C26



6E6368



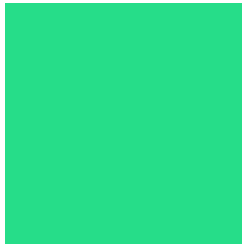
AD0050



2E0015

Previews

White Background



This preview shows how the Hex color 26DD89 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 26DD89 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

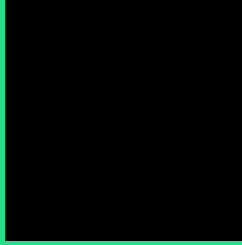
Any Text WCAG AA ✓ Pass

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 26DD89 Background



This preview shows how black text looks on a background with the Hex color 26DD89.

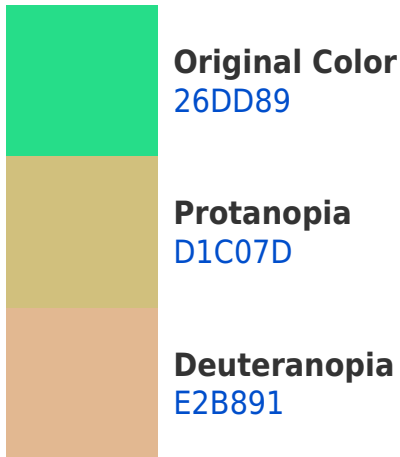


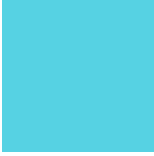
This preview shows how white text looks on a background with the Hex color 26DD89.

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
56D2E3

Trichromacy



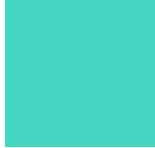
Original Color
26DD89



Protanomaly
93CB81



Deuteranomaly
9EC58E



Tritanomaly
45D6C2

Monochromacy



Original Color
26DD89



Achromatopsia
9D9D9D



Achromatomaly
72B496

CSS Examples

Text

The CSS property to change the color of the text to Hex 26DD89 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 #26DD89 looks like.

```
.text, #text, p{  
    color:#26DD89  
}
```

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 #26DD89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26DD89
}
```

Border

The CSS property to change the border of an element to Hex 26DD89 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
#26DD89 }
```

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

```
.border{ border-color:#26DD89 }
```

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

Here you see how a box with a 4 pixel #26DD89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26DD89; -webkit-box-shadow:4px 4px  
4px 4px #26DD89; box-shadow:4px 4px 4px  
4px #26DD89 }
```

Background

The CSS property to change the background color of an element to Hex 26DD89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26DD89 }
```

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

```
.background{ background-color:#26DD89 }
```

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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