

# Converting Colors

Hex(27D882)

Have a look what the booklet for  
Hex(27D882) contains.

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# Color

Hex(27D882)

# Conversions

## Conversions Part 1

Format	Color
Hex	27D882
RGB	39, 216, 130
RGB Percent	15%, 85%, 51%
CMY	0.8471, 0.1529, 0.4902
CMYK	0.82, 0.00, 0.40, 0.15
HSL	151°, 69%, 50%
HSV	151°, 82%, 85%
XYZ	29.4218, 51.1548, 29.4423
YIQ	153.2730, -77.8860, -64.2700

# Conversions

## Conversions Part 2

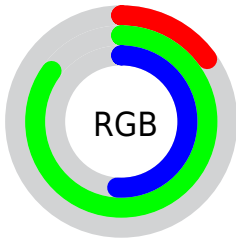
Format	Color
<a href="#">RYB</a>	<a href="#">39, 156, 216</a>
Decimal	<a href="#">2611330</a>
CIELab	<a href="#">76.77, -61.65, 30.62</a>
CIELCh	<a href="#">77, 68.837, 153.586</a>
Yxy	<a href="#">51.1548, 0.2674, 0.4650</a>
Android (android.graphics.Color)	<a href="#">4280801410</a> ( <a href="#">0xFF27D882</a> )
YUV	<a href="#">153.2730, -11.4736, -100.2174</a>
Hunter-Lab	<a href="#">71.5226, -51.7360, 25.6591</a>

# Details

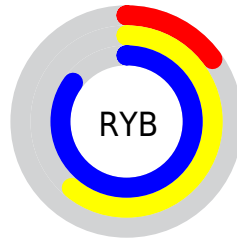
The Hex color **27D882** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D8277D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **74FFB8**, and **00A04F** is the 20% darker color. If you saturate the color by 10%, you get **11D878**, and if you desaturate by 10%, it is **3DD88C**.

# Distribution



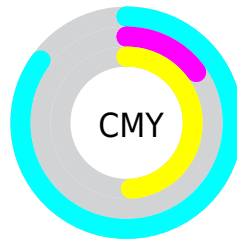
- Red (15%)
- Green (85%)
- Blue (51%)



- Red (15%)
- Yellow (61%)
- Blue (85%)



- Cyan (82%)
- Magenta (0%)
- Yellow (40%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27D882 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 27D882 by changing the saturation by 10% instead.



 27D882

 27D882

FFFFFF

 00BC68

 74FFB8

 00A04F

 93FFD4

 008537

 B2FFF0

 006A20

 D1FFFF

 005007

 F0FFFF

 003800

 001F00

 000000

 27D882

 27D882

■ 11D878

■ 3DD88C

■ 00D86F

■ 52D897

■ 68D8A1

■ 7DD8AC

■ 93D8B6

■ A9D8C1

■ BED8CB

■ D4D8D6

■ E9D8E0

# Harmonies

## Analogous

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



97CE4B



27D882



00DCC3

# Triad

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



27D882



30C2FF



FF8D7B

# Complementary

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



27D882



D8277D

# 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.



FF82B8



27D882



C9A9FF

# Square

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



27D882



00D3FF



FF8FF7



FFA549

# Rectangle

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



27D882



00DCEF



FF8FF7



FF878E

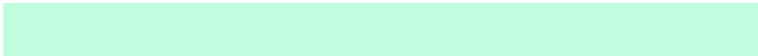


# Sweetspot

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



27D882



BFFFE0



80D827



59806D



000000



808080



# Same Dimension

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



27D882



05FF86



27D8D8



606B66



00AB58



002B16



# Inverse Universe

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



D8277D



FF057F



D82727



6B6066



AB0053

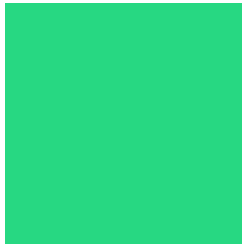


2B0015



# Previews

## White Background



This preview shows how the Hex color 27D882 looks on a white background.

## Color Contrast Check

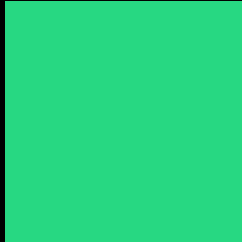
Large Text (above 18pt) WCAG AA × Fail

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 27D882 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

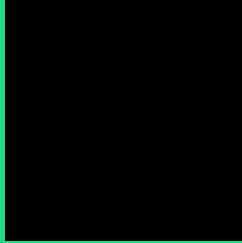
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27D882 Background



This preview shows how black text looks on a background with the Hex color 27D882.

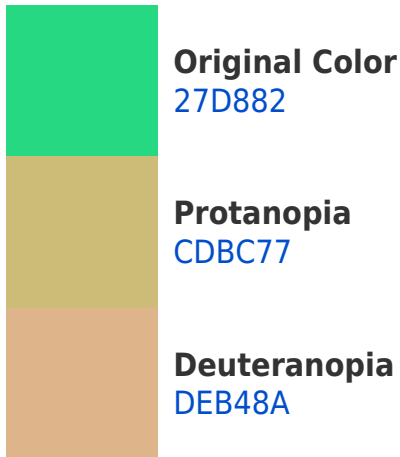


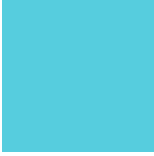
This preview shows how white text looks on a background with the Hex color 27D882.

# 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**  
56CDDE

# Trichromacy



**Original Color**  
27D882



**Protanomaly**  
91C67B



**Deuteranomaly**  
9BC187



**Tritanomaly**  
45D1BD

# Monochromacy



**Original Color**  
27D882



**Achromatopsia**  
999999



**Achromatomaly**  
70B091

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27D882 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 #27D882 looks like.

```
.text, #text, p{  
    color:#27D882  
}
```

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 #27D882 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27D882
}
```

## Border

The CSS property to change the border of an element to Hex 27D882 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
#27D882 }
```

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

```
.border{ border-color:#27D882 }
```

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

Here you see how a box with a 4 pixel #27D882 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27D882; -webkit-box-shadow:4px 4px  
4px 4px #27D882; box-shadow:4px 4px 4px  
4px #27D882 }
```

# Background

The CSS property to change the background color of an element to Hex 27D882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27D882 }
```

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

```
.background{ background-color:#27D882 }
```

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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