

Converting Colors

Hex(27E281)

Have a look what the booklet for
Hex(27E281) contains.

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Color

Hex(27E281)

Conversions

Conversions Part 1

Format	Color
Hex	27E281
RGB	39, 226, 129
RGB Percent	15%, 89%, 51%
CMY	0.8471, 0.1137, 0.4941
CMYK	0.83, 0.00, 0.43, 0.11
HSL	149°, 76%, 52%
HSV	149°, 83%, 89%
XYZ	31.9955, 56.4090, 29.9706
YIQ	159.0290, -80.3150, -69.8110

Conversions

Conversions Part 2

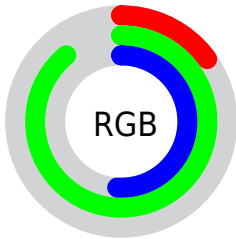
Format	Color
RYB	39, 165, 226
Decimal	2613889
CIELab	79.85, -65.31, 35.15
CIELCh	80, 74.170, 151.709
Yxy	56.4090, 0.2703, 0.4765
Android (android.graphics.Color)	4280803969 (0xFF27E281)
YUV	159.0290, -14.8043, -105.2654
Hunter-Lab	75.1059, -55.3935, 28.9148

Details

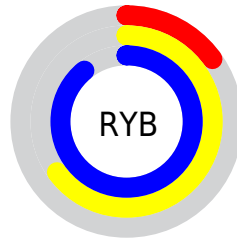
The Hex color **27E281** is a dark color, and the websafe version is hex **00CC66**. The color can be described as middle washed spring green. A complement of this color would be **E22788**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **76FFB7**, and **00A94E** is the 20% darker color. If you saturate the color by 10%, you get **10E275**, and if you desaturate by 10%, it is **3EE28D**.

Distribution



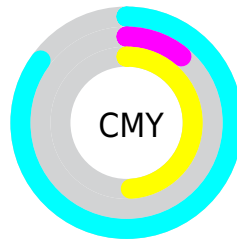
- Red (15%)
- Green (89%)
- Blue (51%)



- Red (15%)
- Yellow (65%)
- Blue (89%)



- Cyan (83%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (85%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27E281 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 27E281 by changing the saturation by 10% instead.

 27E281

 27E281

FFFFFF

 00C567

 76FFB7

 00A94E

 96FFD3

 008E36

 B6FFE7

 00731D

 D5FFFF

 005902

 F4FFFF

 004000

 002700

 000000

 27E281

 27E281

■ 10E275

■ 3EE28D

■ 00E26D

■ 54E298

■ 6BE2A4

■ 81E2B0

■ 98E2BC

■ AFE2C7

■ C5E2D3

■ DCE2DF

■ F2E2EB

Harmonies

Analogous

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



A0D746



27E281



00E7C8

Triad

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



27E281



00CDFE



FF8F81

Complementary

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



27E281



E22788

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.



FF84C5



27E281



CCB2FF

Square

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



27E281



00DEFF



FF94FF



FFAA49

Rectangle

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



27E281



00E7F7



FF94FF



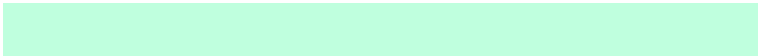
FF8897

Sweetspot

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



27E281



BFFFDE



8BE227



59806C



000000



808080

Same Dimension

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



27E281



03FF7C



27E2DC



65706A



00B055



003017

Inverse Universe

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



E22788



FF0385



E2272D



70656B



B0005B



300019

Previews

White Background



This preview shows how the Hex color 27E281 looks on a white background.

Color Contrast Check

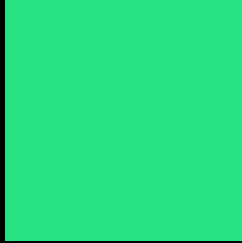
Large Text (above 18pt) WCAG AA × Fail

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 27E281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

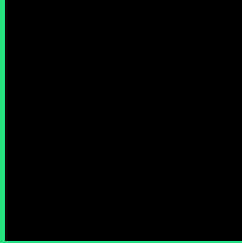
Any Text WCAG AA ✓ Pass

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 27E281 Background



This preview shows how black text looks on a background with the Hex color 27E281.

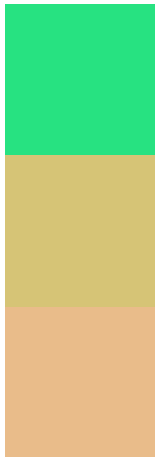


This preview shows how white text looks on a background with the Hex color 27E281.

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](#).

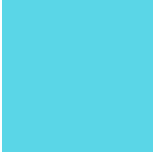
Dichromacy



Original Color
27E281

Protanopia
D6C476

Deuteranopia
E9BC8A



Tritanopia
5AD6E7

Trichromacy



Original Color
27E281



Protanomaly
96CF7A



Deuteranomaly
A2CA87



Tritanomaly
47DAC2

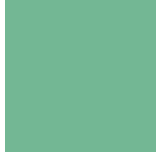
Monochromacy



Original Color
27E281



Achromatopsia
9F9F9F



Achromatomaly
73B794

CSS Examples

Text

The CSS property to change the color of the text to Hex 27E281 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 #27E281 looks like.

```
.text, #text, p{  
    color:#27E281  
}
```

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 #27E281 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27E281
}
```

Border

The CSS property to change the border of an element to Hex 27E281 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
#27E281 }
```

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

```
.border{ border-color:#27E281 }
```

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

Here you see how a box with a 4 pixel #27E281 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27E281; -webkit-box-shadow:4px 4px  
4px 4px #27E281; box-shadow:4px 4px 4px  
4px #27E281 }
```

Background

The CSS property to change the background color of an element to Hex 27E281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27E281 }
```

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

```
.background{ background-color:#27E281 }
```

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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