

Converting Colors

Hex(27E687)

Have a look what the booklet for
Hex(27E687) contains.

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Color

Hex(27E687)

Conversions

Conversions Part 1

Format	Color
Hex	27E687
RGB	39, 230, 135
RGB Percent	15%, 90%, 53%
CMY	0.8471, 0.0980, 0.4706
CMYK	0.83, 0.00, 0.41, 0.10
HSL	150°, 79%, 53%
HSV	150°, 83%, 90%
XYZ	33.5067, 58.7742, 32.5002
YIQ	162.0610, -83.3410, -70.0370

Conversions

Conversions Part 2

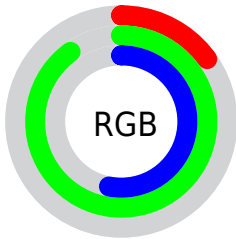
Format	Color
RYB	39, 166, 230
Decimal	2614919
CIELab	81.17, -65.61, 33.87
CIElCh	81, 73.839, 152.698
Yxy	58.7742, 0.2685, 0.4710
Android (android.graphics.Color)	4280804999 (0xFF27E687)
YUV	162.0610, -13.3411, -107.9245
Hunter-Lab	76.6644, -56.1480, 28.5303

Details

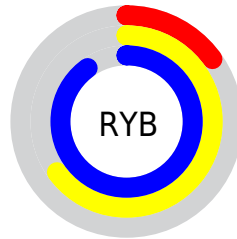
The Hex color **27E687** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **E62786**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **77FFBD**, and **00AD54** is the 20% darker color. If you saturate the color by 10%, you get **10E67C**, and if you desaturate by 10%, it is **3EE692**.

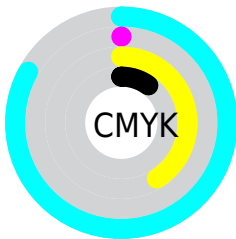
Distribution



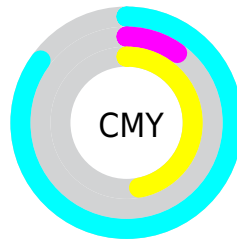
- Red (15%)
- Green (90%)
- Blue (53%)



- Red (15%)
- Yellow (65%)
- Blue (90%)



- Cyan (83%)
- Magenta (0%)
- Yellow (41%)
- Black (10%)



- Cyan (85%)
- Magenta (10%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27E687 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 27E687 by changing the saturation by 10% instead.

 27E687

 27E687


FFFFFF

 00C96D

 77FFBD

 00AD54

 97FFD9

 00913B

 B7FFF6

 007623

 D6FFFF

 005C09

 F5FFFF

 004300

 002B00

 000800

 000000

 27E687

 27E687

 10E67C

 3EE692

 00E674

 55E69E

 6CE6A9

 83E6B5

 9AE6C0

 B1E6CC

 C8E6D7

 DFE6E3

 F6E6EE

Harmonies

Analogous

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



A1DB4C



27E687



00EBCE

Triad

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



27E687



00CFFF



FF9483

Complementary

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



27E687



E62786

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.



FF88C6



27E687



D3B5FF

Square

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



27E687



00E1FF



FF97FF



FFAE4C

Rectangle

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



27E687



00EBFD



FF97FF



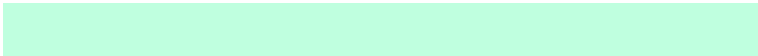
FF8D98

Sweetspot

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



27E687



BFFFDF



87E627



59806C



000000



808080

Same Dimension

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



27E687



00FF80



27E6E6



67736D



00B35A



00331A

Inverse Universe

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



E62786



FF007F



E62727



73676D



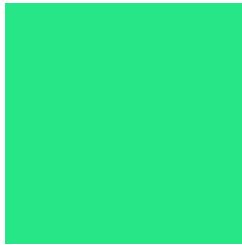
B30059



330019

Previews

White Background



This preview shows how the Hex color 27E687 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 27E687 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 27E687 Background



This preview shows how black text looks on a background with the Hex color 27E687.

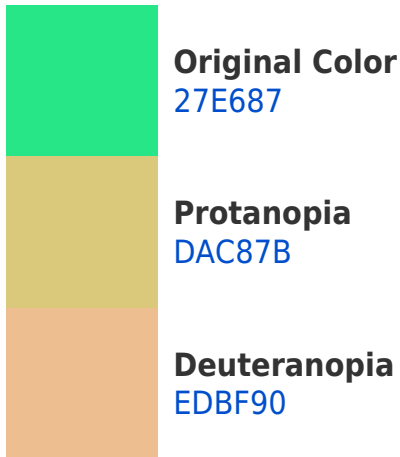


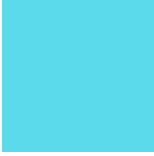
This preview shows how white text looks on a background with the Hex color 27E687.

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
5BDAEC

Trichromacy



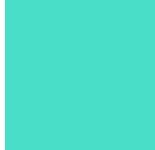
Original Color
27E687



Protanomaly
99D37F



Deuteranomaly
A5CD8D



Tritanomaly
48DEC7

Monochromacy



Original Color
27E687



Achromatopsia
A2A2A2



Achromatomaly
75BB98

CSS Examples

Text

The CSS property to change the color of the text to Hex 27E687 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 #27E687 looks like.

```
.text, #text, p{  
    color:#27E687  
}
```

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 #27E687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27E687
}
```

Border

The CSS property to change the border of an element to Hex 27E687 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
#27E687 }
```

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

```
.border{ border-color:#27E687 }
```

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

Here you see how a box with a 4 pixel #27E687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27E687; -webkit-box-shadow:4px 4px  
4px 4px #27E687; box-shadow:4px 4px 4px  
4px #27E687 }
```

Background

The CSS property to change the background color of an element to Hex 27E687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27E687 }
```

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

```
.background{ background-color:#27E687 }
```

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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