

Converting Colors

Hex(27DA66)

Have a look what the booklet for
Hex(27DA66) contains.

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Color

Hex(27DA66)

Conversions

Conversions Part 1

Format	Color
Hex	27DA66
RGB	39, 218, 102
RGB Percent	15%, 85%, 40%
CMY	0.8471, 0.1451, 0.6000
CMYK	0.82, 0.00, 0.53, 0.15
HSL	141°, 71%, 50%
HSV	141°, 82%, 85%
XYZ	28.3064, 51.5335, 21.0254
YIQ	151.2550, -69.4480, -74.0240

Conversions

Conversions Part 2

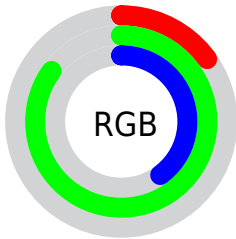
Format	Color
RYB	39, 171, 218
Decimal	2611814
CIELab	77.00, -66.96, 44.75
CIELCh	77, 80.539, 146.249
Yxy	51.5335, 0.2806, 0.5109
Android (android.graphics.Color)	4280801894 (0xFF27DA66)
YUV	151.2550, -24.2827, -98.4476
Hunter-Lab	71.7868, -55.2423, 32.8855

Details

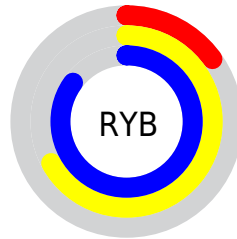
The Hex color **27DA66** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **DA279B**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **75FF9B**, and **00A132** is the 20% darker color. If you saturate the color by 10%, you get **11DA58**, and if you desaturate by 10%, it is **3DDA74**.

Distribution



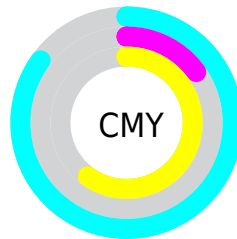
- Red (15%)
- Green (85%)
- Blue (40%)



- Red (15%)
- Yellow (67%)
- Blue (85%)



- Cyan (82%)
- Magenta (0%)
- Yellow (53%)
- Black (15%)



- Cyan (85%)
- Magenta (15%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27DA66 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 27DA66 by changing the saturation by 10% instead.

 27DA66

 27DA66

FFFFFF

 00BD4C

 75FF9B

 00A132

 95FFB7

 008617

 B4FFD3

 006B00

 D3FFF0

 005200

 F2FFFF

 003A00

 002000

 000000

 27DA66

 27DA66

■ 11DA58

■ 3DDA74

■ 00DA4D

■ 53DA82

■ 68DA90

■ 7EDA9F

■ 94DAAD

■ AADABB

■ C0DAC9

■ D5DAD7

■ EBDAE5

Harmonies

Analogous

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



A2CD1F



27DA66



00E0B2

Triad

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



27DA66



00CAFF



FF7B81

Complementary

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



27DA66



DA279B

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.



FF73CB



27DA66



AAAEFF

Square

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



27DA66



00DAFF



FF8CFF



FF993F

Rectangle

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



27DA66



00E1E6



FF8CFF



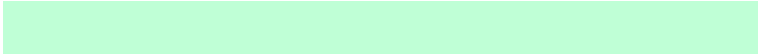
FF7499

Sweetspot

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



27DA66



BFFFD6



9BDA27



598067



000000



808080

Same Dimension

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



27DA66



03FF5B



27DABF



636E67



00AD3D



002E10

Inverse Universe

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



DA279B



FF03A6



DA2742



6E636A



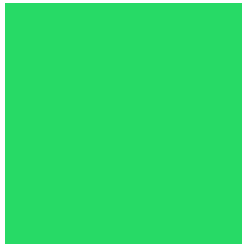
AD0070



2E001E

Previews

White Background



This preview shows how the Hex color 27DA66 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 27DA66 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 27DA66 Background



This preview shows how black text looks on a background with the Hex color 27DA66.

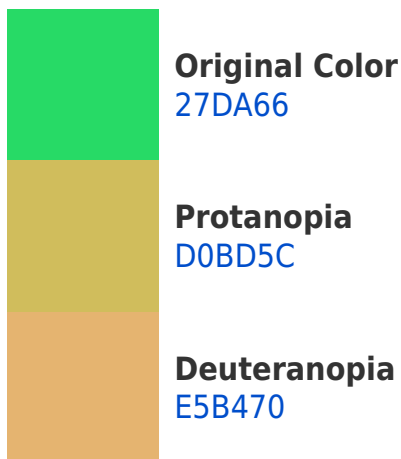


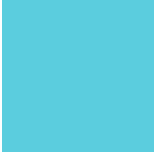
This preview shows how white text looks on a background with the Hex color 27DA66.

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
5BCDDE

Trichromacy



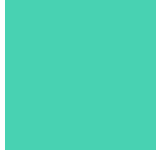
Original Color
27DA66



Protanomaly
93C860



Deuteranomaly
A0C26C



Tritanomaly
48D2B2

Monochromacy



Original Color
27DA66



Achromatopsia
979797



Achromatomaly
6EAF85

CSS Examples

Text

The CSS property to change the color of the text to Hex 27DA66 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 #27DA66 looks like.

```
.text, #text, p{  
    color:#27DA66  
}
```

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 #27DA66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27DA66
}
```

Border

The CSS property to change the border of an element to Hex 27DA66 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
#27DA66 }
```

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

```
.border{ border-color:#27DA66 }
```

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

Here you see how a box with a 4 pixel #27DA66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27DA66; -webkit-box-shadow:4px 4px  
4px 4px #27DA66; box-shadow:4px 4px 4px  
4px #27DA66 }
```

Background

The CSS property to change the background color of an element to Hex 27DA66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27DA66 }
```

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

```
.background{ background-color:#27DA66 }
```

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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