

Converting Colors

Hex(27C075)

Have a look what the booklet for
Hex(27C075) contains.

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Color

Hex(27C075)

Conversions

Conversions Part 1

Format	Color
Hex	27C075
RGB	39, 192, 117
RGB Percent	15%, 75%, 46%
CMY	0.8471, 0.2471, 0.5412
CMYK	0.80, 0.00, 0.39, 0.25
HSL	151°, 66%, 45%
HSV	151°, 80%, 75%
XYZ	22.8972, 39.4150, 23.2307
YIQ	137.7030, -67.1130, -55.7610

Conversions

Conversions Part 2

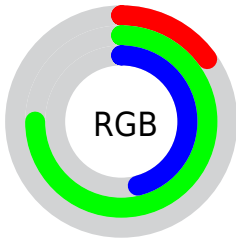
Format	Color
RYB	39, 140, 192
Decimal	2605173
CIELab	69.05, -55.49, 27.13
CIELCh	69, 61.763, 153.942
Yxy	39.4150, 0.2677, 0.4608
Android (android.graphics.Color)	4280795253 (0xFF27C075)
YUV	137.7030, -10.2066, -86.5625
Hunter-Lab	62.7813, -44.7659, 22.0082

Details

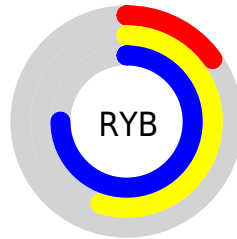
The Hex color **27C075** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **C02772**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6EFAAA**, and **008944** is the 20% darker color. If you saturate the color by 10%, you get **14C06C**, and if you desaturate by 10%, it is **3AC07E**.

Distribution



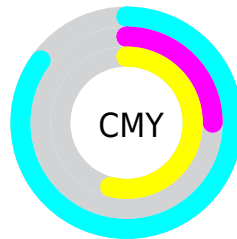
- Red (15%)
- Green (75%)
- Blue (46%)



- Red (15%)
- Yellow (55%)
- Blue (75%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)



- Cyan (85%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27C075 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 27C075 by changing the saturation by 10% instead.

 27C075

 27C075

FFFFFF

 00A45C

 6EFAAA

 008944

 8DFFC5

 006F2C

 ABFFE1

 005515

 C9FFFE

 003C00

 E7FFFF

 002500

 000000

 27C075

 27C075

 14C06C

 3AC07E

01C062

4DC088

00C062

61C091

74C09B

87C0A4

9AC0AD

ADC0B7

C1C0C0

D4C0CA

Harmonies

Analogous

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



86B745



27C075



00C4AE

Triad

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



27C075



37ACFF



FF7E6D

Complementary

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



27C075



C02772

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.



FF75A3



27C075



B497FF

Square

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



27C075



00BBFF



F280DB



ED9342

Rectangle

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



27C075



00C3D4



F280DB



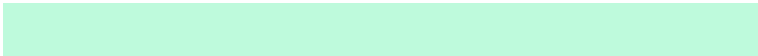
FF797E

Sweetspot

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



27C075



BEFADC



74C027



597D6B



FCFCFC



7D7D7D

Same Dimension

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



27C075



0AFA84



27C0C0



57615C



00A152



002111

Inverse Universe

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



C02772



FA0A80



C02727



61575C



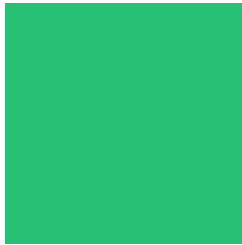
A1004F



210010

Previews

White Background



This preview shows how the Hex color 27C075 looks on a white background.

Color Contrast Check

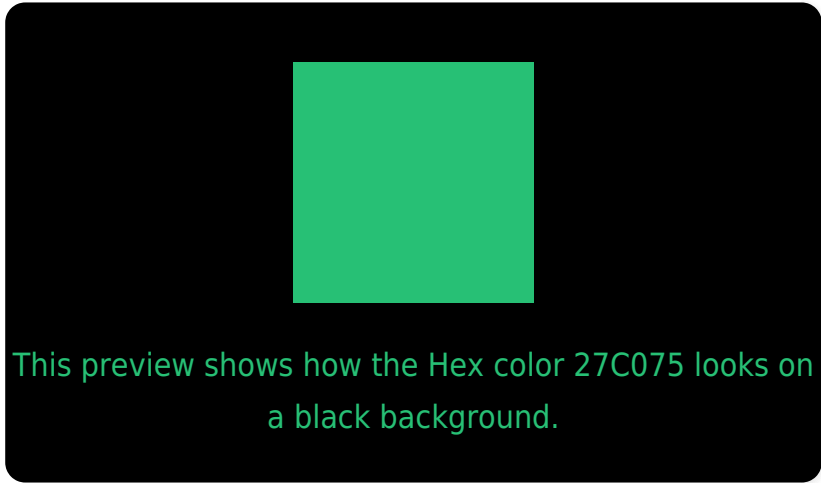
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 27C075 Background



This preview shows how black text looks on a background with the Hex color 27C075.

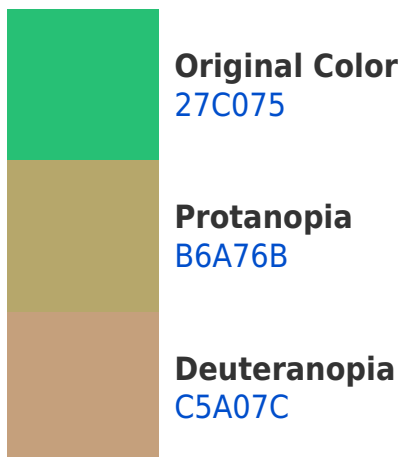


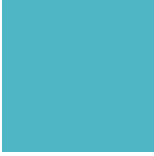
This preview shows how white text looks on a background with the Hex color 27C075.

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](#).

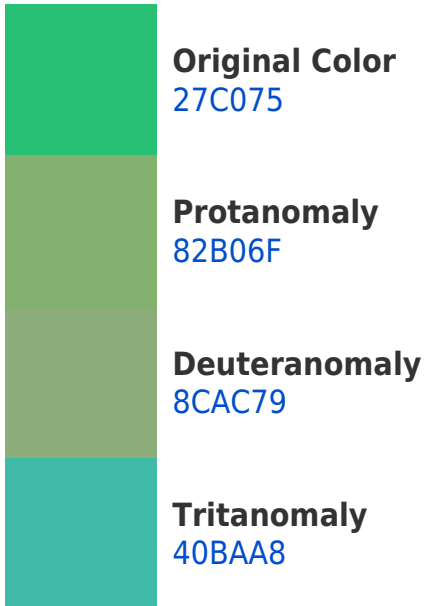
Dichromacy





Tritanopia
4EB6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27C075 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 #27C075 looks like.

```
.text, #text, p{  
    color:#27C075  
}
```

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 #27C075 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27C075
}
```

Border

The CSS property to change the border of an element to Hex 27C075 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
#27C075 }
```

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

```
.border{ border-color:#27C075 }
```

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

Here you see how a box with a 4 pixel #27C075 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27C075; -webkit-box-shadow:4px 4px  
4px 4px #27C075; box-shadow:4px 4px 4px  
4px #27C075 }
```

Background

The CSS property to change the background color of an element to Hex 27C075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27C075 }
```

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

```
.background{ background-color:#27C075 }
```

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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