

Converting Colors

Hex(29D27C)

Have a look what the booklet for
Hex(29D27C) contains.

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Color

Hex(29D27C)

Conversions

Conversions Part 1	
Format	Color
Hex	29D27C
RGB	41, 210, 124
RGB Percent	16%, 82%, 49%
CMY	0.8392, 0.1765, 0.5137
CMYK	0.80, 0.00, 0.41, 0.18
HSL	149°, 67%, 49%
HSV	149°, 80%, 82%
XYZ	27.5991, 48.0198, 26.8829
YIQ	149.6650, -73.1180, -62.5740

Conversions

Conversions Part 2

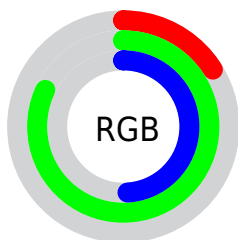
Format	Color
RYB	41, 154, 210
Decimal	2740860
CIELab	74.84, -60.44, 31.15
CIELCh	75, 67.997, 152.737
Yxy	48.0198, 0.2693, 0.4685
Android (android.graphics.Color)	4280930940 (0xFF29D27C)
YUV	149.6650, -12.6528, -95.2992
Hunter-Lab	69.2963, -50.1762, 25.5064

Details

The Hex color **29D27C** 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 **D2297F**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **73FFB1**, and **009A4A** is the 20% darker color. If you saturate the color by 10%, you get **14D271**, and if you desaturate by 10%, it is **3ED287**.

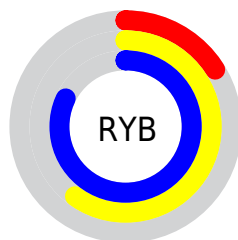
Distribution



Red (16%)

Green (82%)

Blue (49%)



Red (16%)

Yellow (60%)

Blue (82%)

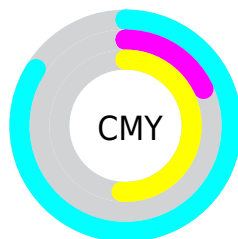


Cyan (80%)

Magenta (0%)

Yellow (41%)

Black (18%)



Cyan (84%)

Magenta (18%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D27C 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 29D27C by changing the saturation by 10% instead.

 29D27C

FFFFFF

 73FFB1

 93FFCD

 B1FFE9

 D0FFFF

 EFFFFFF

 29D27C

 00B662

 009A4A

 007F32

 00651A

 004B01

 003400

 001A00

 000000

 29D27C

 29D27C

 14D271

 3ED287

 00D267

 53D291

 68D29C

 7DD2A7

 92D2B1

 A7D2BC

 BCD2C7

 D1D2D1

 E6D2DC

Harmonies

Analogous

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



94C847



29D27C



00D6BC

Triad

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



29D27C



19BDFE



FF8878

Complementary

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



29D27C



D2297F

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.



FF7DB5



29D27C



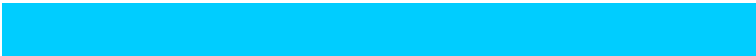
C1A5FF

Square

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



29D27C



00CDFF



FF8BF3



FFA046

Rectangle

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



29D27C



00D6E7



FF8BF3



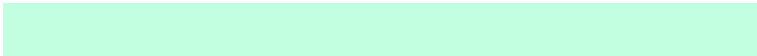
FF828C

Sweetspot

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



29D27C



C2FFE0



80D229



5B806D



000000



808080

Same Dimension

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



29D27C



08FF81



29D2CF



5E6963



00A853



002914

Inverse Universe

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



D2297F



FF0886



D2292C



695E63



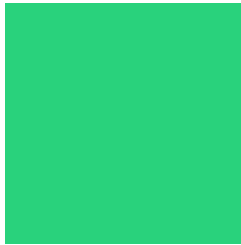
A80056



290015

Previews

White Background



This preview shows how the Hex color 29D27C looks on a white background.

Color Contrast Check

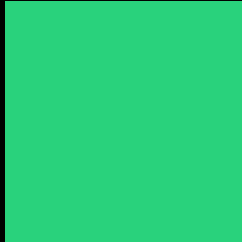
Large Text (above 18pt) WCAG AA × Fail

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 29D27C 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 29D27C Background



This preview shows how black text looks on a background with the Hex color 29D27C.



This preview shows how white text looks on a background with the Hex color 29D27C.

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](#).

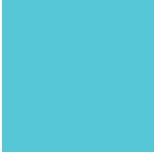
Dichromacy



Original Color
29D27C

Protanopia
C7B771

Deuteranopia
D8AF84



Tritanopia

55C7D7

Trichromacy



Original Color

29D27C



Protanomaly

8EC175



Deuteranomaly

98BC81



Tritanomaly

45CBB6

Monochromacy



Original Color

29D27C



Achromatopsia

969696



Achromatomaly

6EAC8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 29D27C 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 #29D27C looks like.

```
.text, #text, p{  
    color:#29D27C  
}
```

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 #29D27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D27C
}
```

Border

The CSS property to change the border of an element to Hex 29D27C 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
#29D27C }
```

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

```
.border{ border-color:#29D27C }
```

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

Here you see how a box with a 4 pixel #29D27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D27C; -webkit-box-shadow:4px 4px  
4px 4px #29D27C; box-shadow:4px 4px 4px  
4px #29D27C }
```

Background

The CSS property to change the background color of an element to Hex 29D27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D27C }
```

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

```
.background{ background-color:#29D27C }
```

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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