

Converting Colors

Hex(29D07F)

Have a look what the booklet for
Hex(29D07F) contains.

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Color

Hex(29D07F)

Conversions

Conversions Part 1

Format	Color
Hex	29D07F
RGB	41, 208, 127
RGB Percent	16%, 82%, 50%
CMY	0.8392, 0.1843, 0.5020
CMYK	0.80, 0.00, 0.39, 0.18
HSL	151°, 67%, 49%
HSV	151°, 80%, 82%
XYZ	27.3011, 47.1155, 27.7340
YIQ	148.8330, -73.5310, -60.5950

Conversions

Conversions Part 2

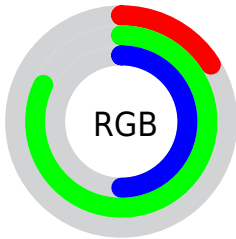
Format	Color
RYB	41, 151, 208
Decimal	2740351
CIELab	74.26, -59.17, 28.85
CIELCh	74, 65.824, 154.007
Yxy	47.1155, 0.2673, 0.4612
Android (android.graphics.Color)	4280930431 (0xFF29D07F)
YUV	148.8330, -10.7637, -94.5695
Hunter-Lab	68.6407, -49.1248, 24.0927

Details

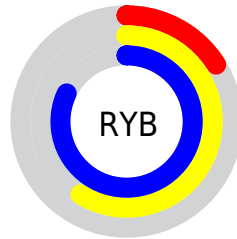
The Hex color **29D07F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D0297A**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **73FFB4**, and **00984D** is the 20% darker color. If you saturate the color by 10%, you get **14D075**, and if you desaturate by 10%, it is **3ED089**.

Distribution



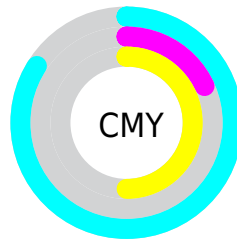
- Red (16%)
- Green (82%)
- Blue (50%)



- Red (16%)
- Yellow (59%)
- Blue (82%)



- Cyan (80%)
- Magenta (0%)
- Yellow (39%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29D07F 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 29D07F by changing the saturation by 10% instead.

 29D07F

 29D07F

FFFFFF

 00B465

 73FFB4

 00984D

 92FFD0

 007D35

 B1FFED

 00631E

 CFFFFFF

 004A06

 EFFFFFF

 003300

 001800

 000000

 29D07F

 29D07F

■ 14D075

■ 3ED089

■ 00D06B

■ 53D093

■ 67D09D

■ 7CD0A7

■ 91D0B1

■ A6D0BC

■ BBD0C6

■ CFD0D0

■ E4D0DA

Harmonies

Analogous

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



91C64B



29D07F



00D4BD

Triad

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



29D07F



3BBBF



FF8976

Complementary

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



29D07F



D0297A

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.



FF7FB1



29D07F



C4A3FF

Square

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



29D07F



00CBFF



FF8AED



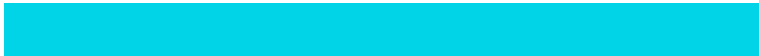
FFA048

Rectangle

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



29D07F



00D4E6



FF8AED



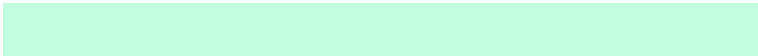
FF8389

Sweetspot

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



29D07F



C2FFE1



7DD029



5B806E



000000



808080

Same Dimension

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



29D07F



0AFF88



29D0D0



5E6963



00A857



002915

Inverse Universe

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



D0297A



FF0A81



D02929



695E63



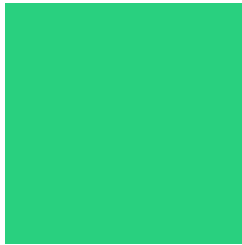
A80052



290014

Previews

White Background



This preview shows how the Hex color 29D07F 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 29D07F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

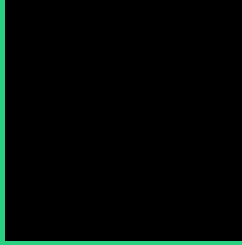
Any Text WCAG AA ✓ Pass

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 29D07F Background



This preview shows how black text looks on a background with the Hex color 29D07F.

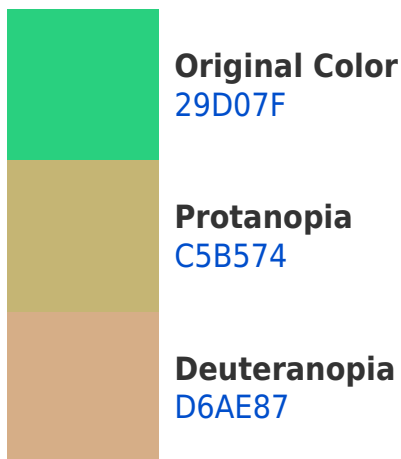


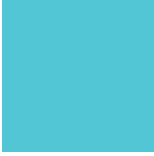
This preview shows how white text looks on a background with the Hex color 29D07F.

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](#).

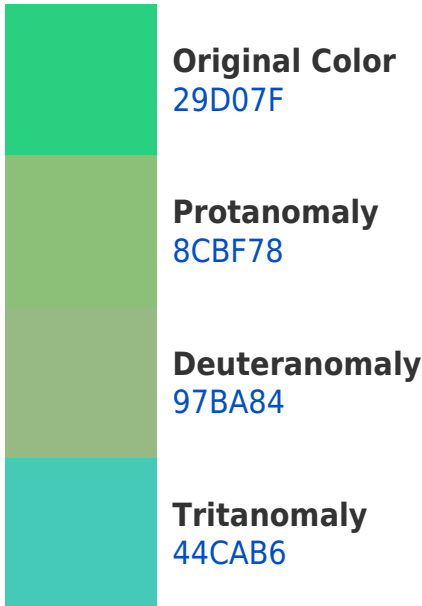
Dichromacy



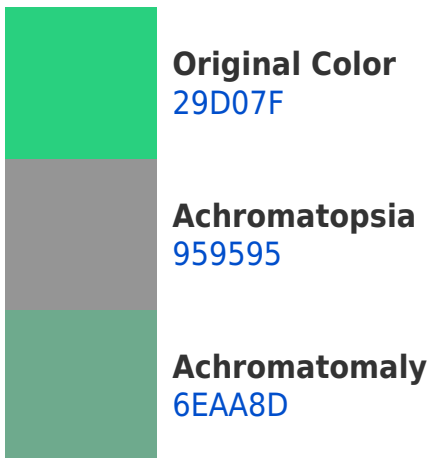


Tritanopia
53C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29D07F 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 #29D07F looks like.

```
.text, #text, p{  
    color:#29D07F  
}
```

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 #29D07F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29D07F
}
```

Border

The CSS property to change the border of an element to Hex 29D07F 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
#29D07F }
```

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

```
.border{ border-color:#29D07F }
```

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

Here you see how a box with a 4 pixel #29D07F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29D07F; -webkit-box-shadow:4px 4px  
4px 4px #29D07F; box-shadow:4px 4px 4px  
4px #29D07F }
```

Background

The CSS property to change the background color of an element to Hex 29D07F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29D07F }
```

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

```
.background{ background-color:#29D07F }
```

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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