

# Converting Colors

Hex(28D087)

Have a look what the booklet for  
Hex(28D087) contains.

<b>Hex(28D087)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(28D087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	28D087
RGB	40, 208, 135
RGB Percent	16%, 82%, 53%
CMY	0.8431, 0.1843, 0.4706
CMYK	0.81, 0.00, 0.35, 0.18
HSL	154°, 68%, 49%
HSV	154°, 81%, 82%
XYZ	27.8041, 47.3121, 30.5884
YIQ	149.4460, -76.6950, -58.3190

# Conversions

## Conversions Part 2

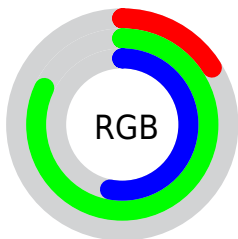
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 147, 208
Decimal	2674823
CIELab	74.39, -57.69, 24.86
CIELCh	74, 62.819, 156.692
Yxy	47.3121, 0.2630, 0.4476
Android (android.graphics.Color)	4280864903 (0xFF28D087)
YUV	149.4460, -7.1219, -95.9841
Hunter-Lab	68.7838, -48.2176, 21.7822

# Details

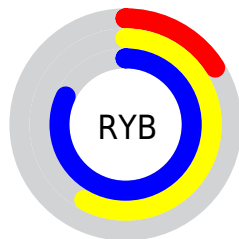
The Hex color **28D087** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D02871**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **72FFBD**, and **009855** is the 20% darker color. If you saturate the color by 10%, you get **13D07E**, and if you desaturate by 10%, it is **3DD090**.

# Distribution



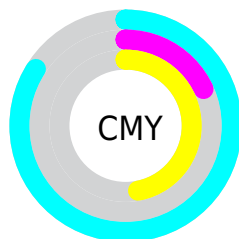
- Red (16%)
- Green (82%)
- Blue (53%)



- Red (16%)
- Yellow (58%)
- Blue (82%)



- Cyan (81%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (84%)
- Magenta (18%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 28D087 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 28D087 by changing the saturation by 10% instead.



 28D087

 28D087

FFFFFF

 00B46D

 72FFBD

 009855

 92FFD9

 007D3D

 B0FFF5

 006326

 CFFFFFF

 004A0F

 EDFFFF

 003300

 001800

 000000

 28D087

 28D087

 13D07E

 3DD090

 00D076

 52D099

 66D0A2

 7BD0AB

 90D0B4

 A5D0BD

 BAD0C6

 CED0CF

 E3D0D8

# Harmonies

## Analogous

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



8EC755



28D087



00D3C3

# Triad

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



28D087



5DB9FF



FF8E75

# Complementary

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



28D087



D02871

# 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.



FF83AC



28D087



CBA2FF

# Square

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



28D087



00C9FF



FF8CE6



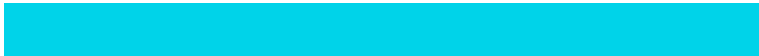
FBA34B

# Rectangle

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



28D087



00D3E9



FF8CE6



FF8886

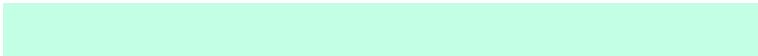


# Sweetspot

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



28D087



C2FFE4



74D028



5B806F



000000



808080



# Same Dimension

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



28D087



08FF94



28C8D0



5E6964



00A85F



002917



# Inverse Universe

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



D02871



FF0873



D03028



695E63



A80049

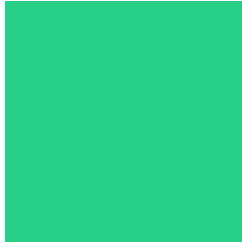


290012



# Previews

## White Background



This preview shows how the Hex color 28D087 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 28D087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

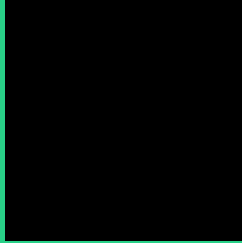
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 28D087 Background



This preview shows how black text looks on a background with the Hex color 28D087.

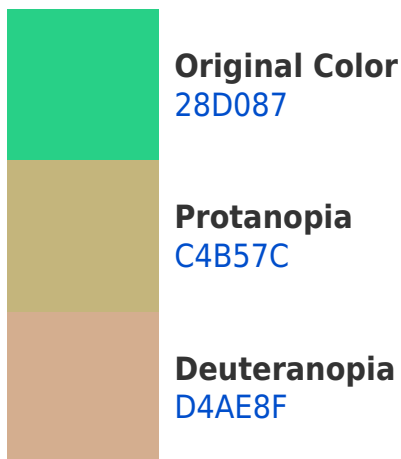


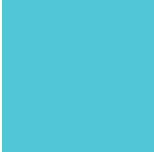
This preview shows how white text looks on a background with the Hex color 28D087.

# 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](#).

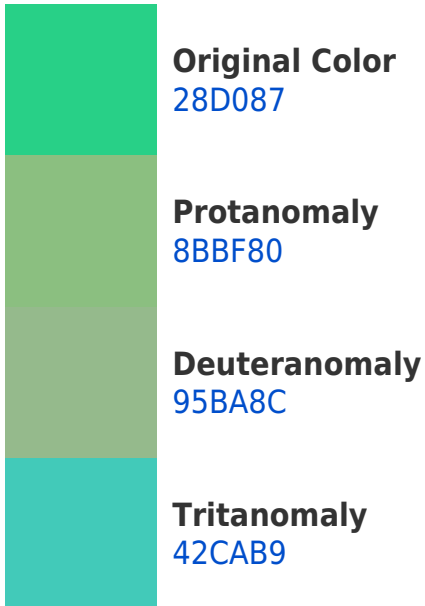
## Dichromacy



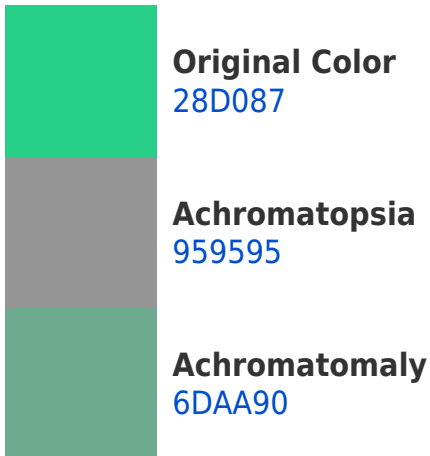


**Tritanopia**  
51C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 28D087 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 #28D087 looks like.

```
.text, #text, p{  
    color:#28D087  
}
```

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 #28D087 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28D087
}
```

## Border

The CSS property to change the border of an element to Hex 28D087 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
#28D087 }
```

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

```
.border{ border-color:#28D087 }
```

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

Here you see how a box with a 4 pixel #28D087 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28D087; -webkit-box-shadow:4px 4px  
4px 4px #28D087; box-shadow:4px 4px 4px  
4px #28D087 }
```

# Background

The CSS property to change the background color of an element to Hex 28D087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28D087 }
```

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

```
.background{ background-color:#28D087 }
```

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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