

Converting Colors

Hex(25D187)

Have a look what the booklet for
Hex(25D187) contains.

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Color

Hex(25D187)

Conversions

Conversions Part 1

Format	Color
Hex	25D187
RGB	37, 209, 135
RGB Percent	15%, 82%, 53%
CMY	0.8549, 0.1804, 0.4706
CMYK	0.82, 0.00, 0.35, 0.18
HSL	154°, 70%, 48%
HSV	154°, 82%, 82%
XYZ	27.9366, 47.7435, 30.6647
YIQ	149.1360, -78.7580, -59.4780

Conversions

Conversions Part 2

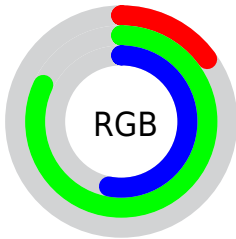
Format	Color
RYB	37, 147, 209
Decimal	2478471
CIELab	74.66, -58.35, 25.22
CIELCh	75, 63.564, 156.625
Yxy	47.7435, 0.2627, 0.4490
Android (android.graphics.Color)	4280668551 (0xFF25D187)
YUV	149.1360, -6.9690, -98.3433
Hunter-Lab	69.0967, -48.7496, 22.0551

Details

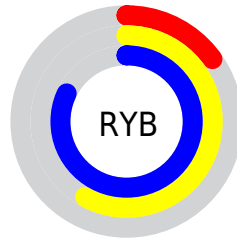
The Hex color **25D187** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **D1256F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **71FFBD**, and **009955** is the 20% darker color. If you saturate the color by 10%, you get **10D17E**, and if you desaturate by 10%, it is **3AD190**.

Distribution



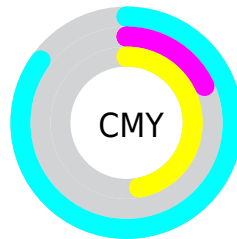
- Red (15%)
- Green (82%)
- Blue (53%)



- Red (15%)
- Yellow (58%)
- Blue (82%)



- Cyan (82%)
- Magenta (0%)
- Yellow (35%)
- Black (18%)



- Cyan (85%)
- Magenta (18%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25D187 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 25D187 by changing the saturation by 10% instead.

 25D187

 25D187

FFFFFF

 00B56D

 71FFBD

 009955

 91FFD9

 007E3D

 AFFFF5

 006426

 CEFFFF

 004B0F

 EDFFFF

 003300

 001900

 000000

 25D187

 25D187

■ 10D17E

■ 3AD190

■ 00D177

■ 4FD199

■ 64D1A2

■ 79D1AB

■ 8ED1B4

■ A2D1BD

■ B7D1C6

■ CCD1CF

■ E1D1D8

Harmonies

Analogous

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



8EC854



25D187



00D4C3

Triad

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



25D187



5BBAFF



FF8E75

Complementary

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



25D187



D1256F

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.



FF83AD



25D187



CCA3FF

Square

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



25D187



00CAFF



FF8CE7



FCA44A

Rectangle

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



25D187



00D4EA



FF8CE7



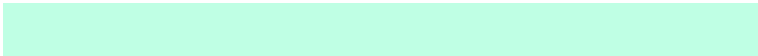
FF8887

Sweetspot

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



25D187



BFFFE4



70D125



59806F



000000



808080

Same Dimension

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



25D187



03FF92



25C6D1



5E6964



00A860



002917

Inverse Universe

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



D1256F



FF036F



D13025



695E63



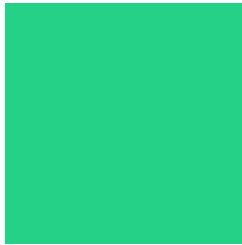
A80048



290012

Previews

White Background



This preview shows how the Hex color 25D187 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 25D187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

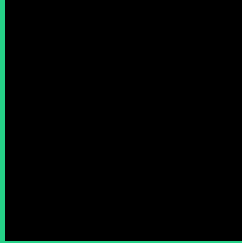
Any Text WCAG AA ✓ Pass

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 25D187 Background



This preview shows how black text looks on a background with the Hex color 25D187.

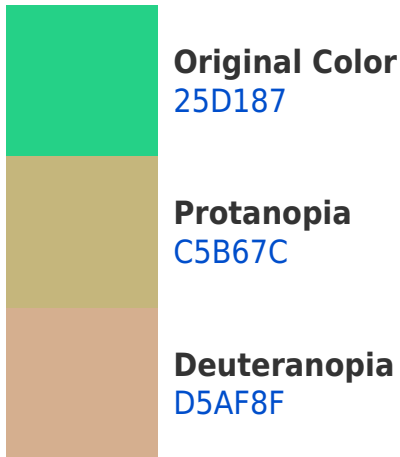


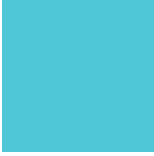
This preview shows how white text looks on a background with the Hex color 25D187.

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
50C7D7

Trichromacy



Original Color
25D187



Protanomaly
8BC080



Deuteranomaly
95BB8C



Tritanomaly
40CBBA

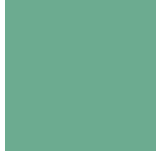
Monochromacy



Original Color
25D187



Achromatopsia
959595



Achromatomaly
6CAB90

CSS Examples

Text

The CSS property to change the color of the text to Hex 25D187 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 #25D187 looks like.

```
.text, #text, p{  
    color:#25D187  
}
```

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 #25D187 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25D187
}
```

Border

The CSS property to change the border of an element to Hex 25D187 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
#25D187 }
```

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

```
.border{ border-color:#25D187 }
```

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

Here you see how a box with a 4 pixel #25D187 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25D187; -webkit-box-shadow:4px 4px  
4px 4px #25D187; box-shadow:4px 4px 4px  
4px #25D187 }
```

Background

The CSS property to change the background color of an element to Hex 25D187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25D187 }
```

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

```
.background{ background-color:#25D187 }
```

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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