

Converting Colors

Hex(25AD80)

Have a look what the booklet for
Hex(25AD80) contains.

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Color

Hex(25AD80)

Conversions

Conversions Part 1

Format	Color
Hex	25AD80
RGB	37, 173, 128
RGB Percent	15%, 68%, 50%
CMY	0.8549, 0.3216, 0.4980
CMYK	0.79, 0.00, 0.26, 0.32
HSL	160°, 65%, 41%
HSV	160°, 79%, 68%
XYZ	19.6028, 31.8390, 25.5344
YIQ	127.2060, -66.6110, -42.8270

Conversions

Conversions Part 2

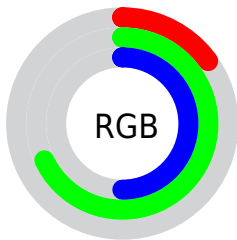
Format	Color
RYB	37, 118, 173
Decimal	2469248
CIELab	63.21, -46.01, 13.23
CIElCh	63, 47.873, 163.953
Yxy	31.8390, 0.2547, 0.4136
Android (android.graphics.Color)	4280659328 (0xFF25AD80)
YUV	127.2060, 0.3914, -79.1107
Hunter-Lab	56.4260, -36.7334, 12.6678

Details

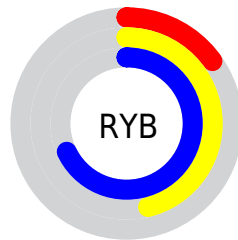
The Hex color **25AD80** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD2552**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **69E5B5**, and **00774F** is the 20% darker color. If you saturate the color by 10%, you get **14AD7A**, and if you desaturate by 10%, it is **36AD86**.

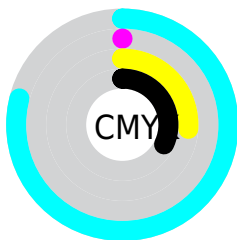
Distribution



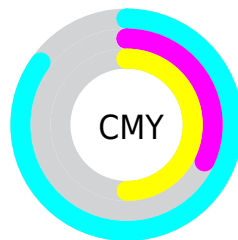
- Red (15%)
- Green (68%)
- Blue (50%)



- Red (15%)
- Yellow (46%)
- Blue (68%)



- Cyan (79%)
- Magenta (0%)
- Yellow (26%)
- Black (32%)



- Cyan (85%)
- Magenta (32%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25AD80 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 25AD80 by changing the saturation by 10% instead.

 25AD80

 25AD80

FFFFFF

 009267

 69E5B5

 00774F

 87FFD0

 005E38

 A4FFED

 004522

 C2FFFF

 002E0D

 E0FFFF

 001300

FEFFFF

 000000

 25AD80

 25AD80

 14AD7A

 36AD86

■ 02AD75

■ 48AD8B

■ 00AD74

■ 59AD91

■ 6AAD97

■ 7CAD9D

■ 8DADA2

■ 9EADA8

■ AFADAE

■ C1ADB4

Harmonies

Analogous

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



6FA759



25AD80



00AFAC

Triad

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



25AD80



7597EC



E07F60

Complementary

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



25AD80



AD2552

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.



E97587



25AD80



B686D7

Square

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



25AD80



00A4EA



DC78B2



C58F46

Rectangle

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



25AD80



00ADC7



DC78B2



E57B6C

Sweetspot

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



25AD80



ABE0CF



52AD25



507065



F0F0F0



707070

Same Dimension

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



25AD80



0DE09B



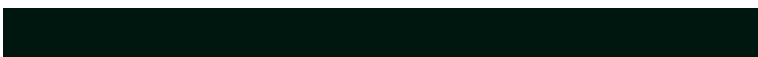
2596AD



4E5754



009665



00170F

Inverse Universe

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



AD2552



E00D53



AD3C25



574E51



960032



170008

Previews

White Background



This preview shows how the Hex color 25AD80 looks on a white background.

Color Contrast Check

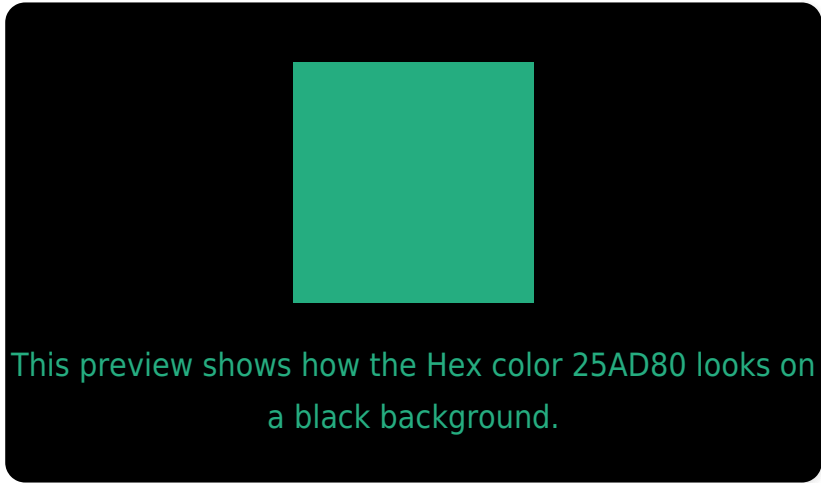
Large Text (above 18pt) WCAG AA × Fail

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

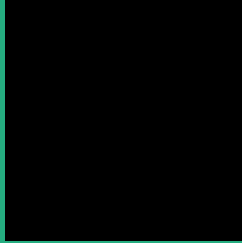
Any Text WCAG AA ✓ Pass

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 25AD80 Background



This preview shows how black text looks on a background with the Hex color 25AD80.

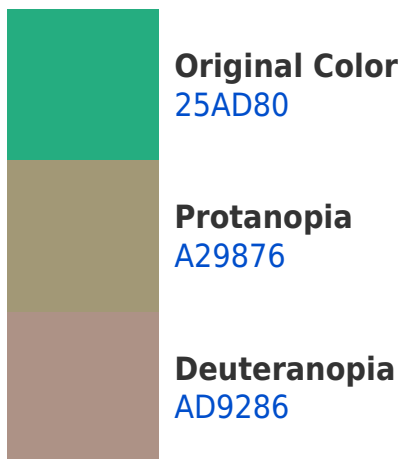


This preview shows how white text looks on a background with the Hex color 25AD80.

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
41A6B4

Trichromacy



Original Color
25AD80



Protanomaly
75A07A



Deuteranomaly
7C9C84



Tritanomaly
37A9A1

Monochromacy



Original Color
25AD80



Achromatopsia
7F7F7F



Achromatomaly
5E907F

CSS Examples

Text

The CSS property to change the color of the text to Hex 25AD80 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 #25AD80 looks like.

```
.text, #text, p{  
    color:#25AD80  
}
```

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 #25AD80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25AD80
}
```

Border

The CSS property to change the border of an element to Hex 25AD80 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
#25AD80 }
```

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

```
.border{ border-color:#25AD80 }
```

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

Here you see how a box with a 4 pixel #25AD80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25AD80; -webkit-box-shadow:4px 4px  
4px 4px #25AD80; box-shadow:4px 4px 4px  
4px #25AD80 }
```

Background

The CSS property to change the background color of an element to Hex 25AD80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25AD80 }
```

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

```
.background{ background-color:#25AD80 }
```

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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