

Converting Colors

Hex(25A17E)

Have a look what the booklet for
Hex(25A17E) contains.

Hex(25A17E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(25A17E)

Conversions

Conversions Part 1

Format	Color
Hex	25A17E
RGB	37, 161, 126
RGB Percent	15%, 63%, 49%
CMY	0.8549, 0.3686, 0.5059
CMYK	0.77, 0.00, 0.22, 0.37
HSL	163°, 63%, 39%
HSV	163°, 77%, 63%
XYZ	17.2737, 27.3894, 24.1149
YIQ	119.9340, -62.6690, -37.1730

Conversions

Conversions Part 2

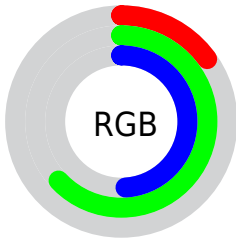
Format	Color
RYB	37, 109, 161
Decimal	2466174
CIELab	59.33, -41.49, 8.88
CIELCh	59, 42.434, 167.922
Yxy	27.3894, 0.2512, 0.3982
Android (android.graphics.Color)	4280656254 (0xFF25A17E)
YUV	119.9340, 2.9905, -72.7331
Hunter-Lab	52.3349, -32.6702, 9.3147

Details

The Hex color **25A17E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A12548**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **66D9B3**, and **006C4D** is the 20% darker color. If you saturate the color by 10%, you get **15A179**, and if you desaturate by 10%, it is **35A183**.

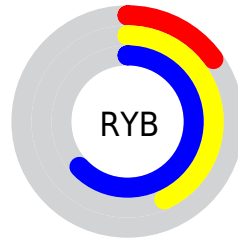
Distribution



Red (15%)

Green (63%)

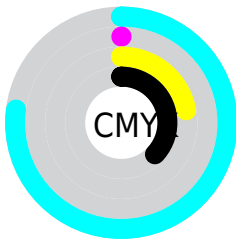
Blue (49%)



Red (15%)

Yellow (43%)

Blue (63%)

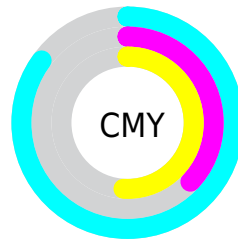


Cyan (77%)

Magenta (0%)

Yellow (22%)

Black (37%)



Cyan (85%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A17E 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 25A17E by changing the saturation by 10% instead.

 25A17E

 25A17E

FFFFFF

 008665

 66D9B3

 006C4D

 84F5CE

 005336

 A1FFEA

 003B21

 BEFFFF

 00260B

 DBFFFF

 000000

 F9FFFF

 25A17E

 25A17E

 15A179

 35A183

■ 05A175

■ 45A187

■ 00A174

■ 55A18C

■ 65A190

■ 76A195

■ 86A199

■ 96A19E

■ A6A1A2

■ B6A1A7

Harmonies

Analogous

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



659C5B



25A17E



00A2A5

Triad

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



25A17E



7A8BD6



CB7A59

Complementary

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



25A17E



A12548

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.



D6717A



25A17E



AE7CC1

Square

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



25A17E



1F97D7



CD72A0



B28745

Rectangle

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



25A17E



00A0BC



CD72A0



D17663

Sweetspot

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



25A17E



A1D1C4



48A125



4B6960



E8E8E8



696969

Same Dimension

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



25A17E



11D19B



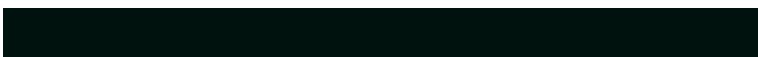
2586A1



49524F



009168



00120D

Inverse Universe

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



A12548



D11147



A14025



52494C



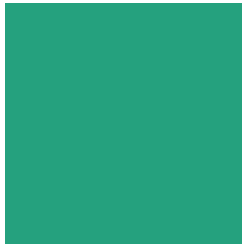
910029



120005

Previews

White Background



This preview shows how the Hex color 25A17E looks on a white background.

Color Contrast Check

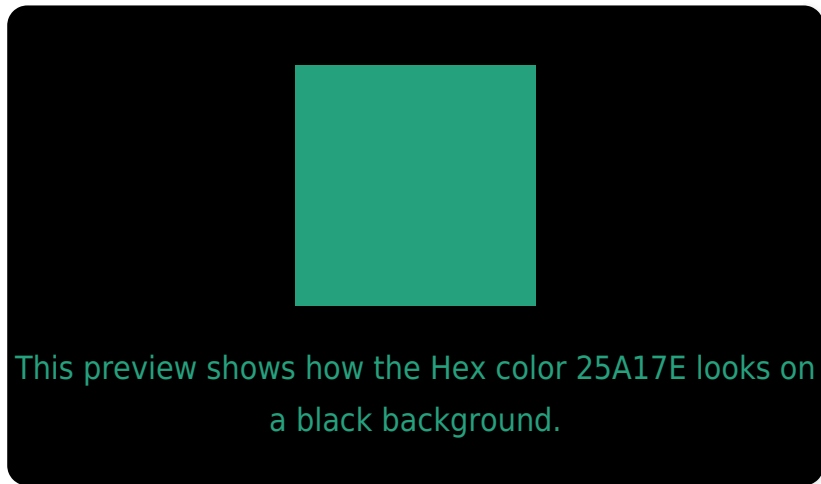
Large Text (above 18pt) WCAG AA ✓ Pass

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

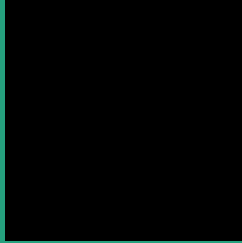
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 25A17E Background



This preview shows how black text looks on a background with the Hex color 25A17E.



This preview shows how white text looks on a background with the Hex color 25A17E.

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
25A17E

Protanopia
968E74

Deuteranopia
9F8983



Tritanopia
3C9BA8

Trichromacy



Original Color
25A17E



Protanomaly
6D9578



Deuteranomaly
739281



Tritanomaly
349D99

Monochromacy



Original Color
25A17E



Achromatopsia
787878



Achromatomaly
5A877A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25A17E 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 #25A17E looks like.

```
.text, #text, p{  
    color:#25A17E  
}
```

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 #25A17E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A17E
}
```

Border

The CSS property to change the border of an element to Hex 25A17E 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
#25A17E }
```

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

```
.border{ border-color:#25A17E }
```

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

Here you see how a box with a 4 pixel #25A17E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A17E; -webkit-box-shadow:4px 4px  
4px 4px #25A17E; box-shadow:4px 4px 4px  
4px #25A17E }
```

Background

The CSS property to change the background color of an element to Hex 25A17E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A17E }
```

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

```
.background{ background-color:#25A17E }
```

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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