

# Converting Colors

Hex(25A78D)

Have a look what the booklet for  
Hex(25A78D) contains.

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**Color**

**Hex(25A78D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25A78D
RGB	37, 167, 141
RGB Percent	15%, 65%, 55%
CMY	0.8549, 0.3451, 0.4471
CMYK	0.78, 0.00, 0.16, 0.35
HSL	168°, 64%, 40%
HSV	168°, 78%, 65%
XYZ	19.3894, 29.9538, 29.9590
YIQ	125.1660, -69.1340, -35.6460

# Conversions

## Conversions Part 2

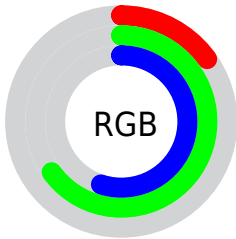
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 109, 167
Decimal	2467725
CIELab	61.61, -40.21, 3.74
CIElCh	62, 40.381, 174.692
Yxy	29.9538, 0.2445, 0.3777
Android (android.graphics.Color)	4280657805 (0xFF25A78D)
YUV	125.1660, 7.8062, -77.3216
Hunter-Lab	54.7301, -32.5400, 5.8560

# Details

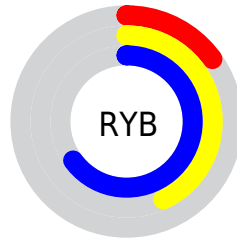
The Hex color **25A78D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A7253F**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **68DFC3**, and **00725B** is the 20% darker color. If you saturate the color by 10%, you get **14A78A**, and if you desaturate by 10%, it is **36A790**.

# Distribution



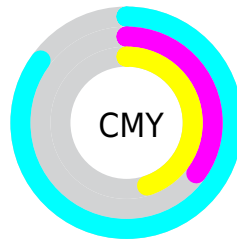
- Red (15%)
- Green (65%)
- Blue (55%)



- Red (15%)
- Yellow (43%)
- Blue (65%)



- Cyan (78%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25A78D 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 25A78D by changing the saturation by 10% instead.



 25A78D

 25A78D

FFFFFF

 008C73

 68DFC3

 00725B

 86FCDE

 005944

 A3FFFB

 00402D

 C1FFFF

 002A19

 DFFFFFF

 000B00

FDFFFF

 000000

 25A78D

 25A78D

 14A78A

 36A790

■ 04A786

■ 46A794

■ 00A786

■ 57A797

■ 68A79A

■ 79A79E

■ 89A7A1

■ 9AA7A4

■ ABA7A8

■ BBA7AB

# Harmonies

## Analogous

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



63A36A



25A78D



00A7B1

# Triad

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



25A78D



8E8ED6



CB845C

# Complementary

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



25A78D



A7253F

# 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.



D97A79



25A78D



BB81BF

# Square

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



25A78D



4D9ADC



D4789D



B1914D

# Rectangle

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



25A78D



00A5C6



D4789D



D28064



# Sweetspot

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



25A78D



A7D9CF



3FA725



4F6E68



EDEDED



6E6E6E



# Same Dimension

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



25A78D



0FD9B0



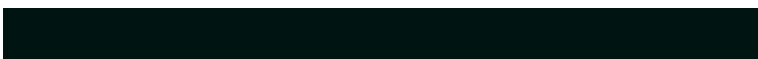
2580A7



4C5452



009476



001410



# Inverse Universe

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



A7253F



D90F37



A74C25



544C4D



94001E

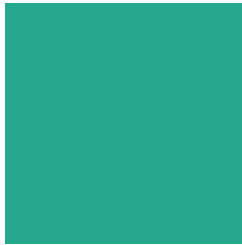


140004



# Previews

## White Background



This preview shows how the Hex color 25A78D 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



This preview shows how the Hex color 25A78D looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

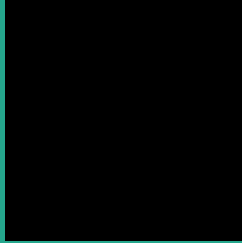
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 25A78D Background



This preview shows how black text looks on a background with the Hex color 25A78D.

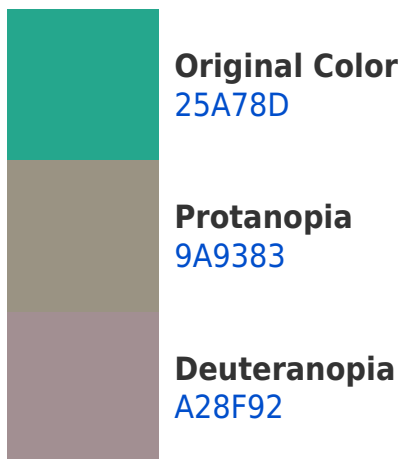


This preview shows how white text looks on a background with the Hex color 25A78D.

# 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**  
3AA2AF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25A78D 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 #25A78D looks like.

```
.text, #text, p{  
    color:#25A78D  
}
```

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 #25A78D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A78D
}
```

## Border

The CSS property to change the border of an element to Hex 25A78D 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
#25A78D }
```

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

```
.border{ border-color:#25A78D }
```

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

Here you see how a box with a 4 pixel #25A78D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A78D; -webkit-box-shadow:4px 4px  
4px 4px #25A78D; box-shadow:4px 4px 4px  
4px #25A78D }
```

# Background

The CSS property to change the background color of an element to Hex 25A78D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A78D }
```

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

```
.background{ background-color:#25A78D }
```

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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