

Converting Colors

Hex(25A79D)

Have a look what the booklet for
Hex(25A79D) contains.

| | |
|------------------------------------------------|----|
| Hex(25A79D) | 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(25A79D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 25A79D |
| RGB | 37, 167, 157 |
| RGB Percent | 15%, 65%, 62% |
| CMY | 0.8549, 0.3451, 0.3843 |
| CMYK | 0.78, 0.00, 0.06, 0.35 |
| HSL | 175°, 64%, 40% |
| HSV | 175°, 78%, 65% |
| XYZ | 20.6675, 30.4651, 36.6893 |
| YIQ | 126.9900, -74.2700, -30.6700 |

Conversions

Conversions Part 2

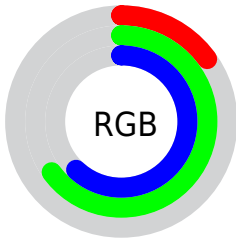
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 37, 105, 167 |
| Decimal | 2467741 |
| CIELab | 62.05, -35.77, -4.60 |
| CIELCh | 62, 36.064, 187.326 |
| Yxy | 30.4651, 0.2353, 0.3469 |
| Android (android.graphics.Color) | 4280657821 (0xFF25A79D) |
| YUV | 126.9900, 14.7949, -78.9212 |
| Hunter-Lab | 55.1952, -29.7534, -0.7746 |

Details

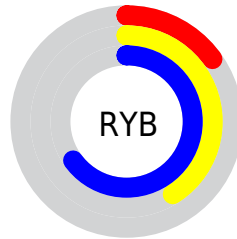
The Hex color **25A79D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A7252F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6ADFD3**, and **00726A** is the 20% darker color. If you saturate the color by 10%, you get **14A79C**, and if you desaturate by 10%, it is **36A79E**.

Distribution



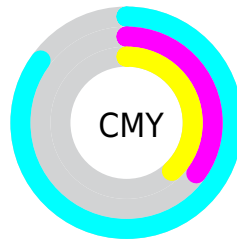
- Red (15%)
- Green (65%)
- Blue (62%)



- Red (15%)
- Yellow (41%)
- Blue (65%)



- Cyan (78%)
- Magenta (0%)
- Yellow (6%)
- Black (35%)



- Cyan (85%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 25A79D 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 25A79D by changing the saturation by 10% instead.

 25A79D

 25A79D

FFFFFF

 008C83

 6ADFD3

 00726A

 88FCF0

 005952

 A5FFFF

 00413B

 C3FFFF

 002A25

 E1FFFF

 000E11

 000000

 25A79D

 25A79D

 14A79C

 36A79E

■ 04A79A

■ 46A7A0

■ 00A79A

■ 57A7A1

■ 68A7A2

■ 79A7A3

■ 89A7A5

■ 9AA7A6

■ ABA7A7

■ BBA7A9

Harmonies

Analogous

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



59A57C



25A79D



00A5BC

Triad

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



25A79D



A48BC9



BF8C5B

Complementary

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



25A79D



A7252F

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.



D08171



25A79D



C480AF

Square

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



25A79D



7496D5



D37D8F



A39756

Rectangle

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



25A79D



1CA2CB



D37D8F



C68861

Sweetspot

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



25A79D



A7D9D5



30A725



4F6E6B



EDEDED



6E6E6E

Same Dimension

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



25A79D



0FD9C9



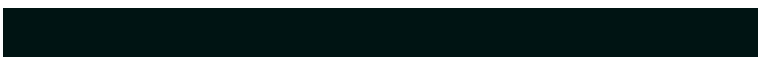
2571A7



4C5454



009489



001413

Inverse Universe

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



A7252F



D90F1F



A75B25



544C4C



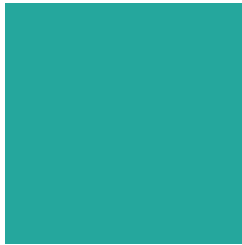
94000B



140002

Previews

White Background



This preview shows how the Hex color 25A79D looks on a white background.

Color Contrast Check

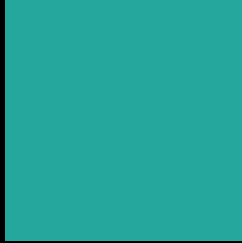
Large Text (above 18pt) WCAG AA × Fail

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 25A79D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

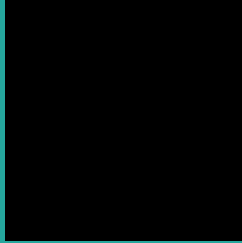
Any Text WCAG AA ✓ Pass

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 25A79D Background



This preview shows how black text looks on a background with the Hex color 25A79D.

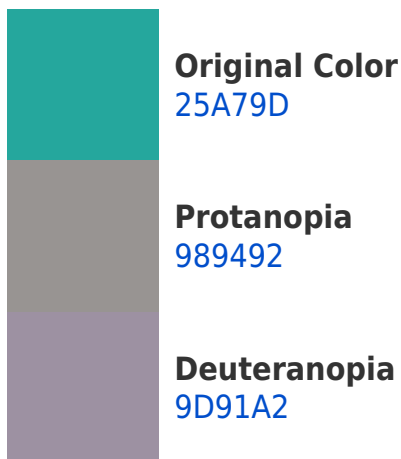


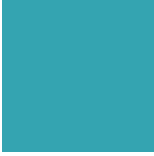
This preview shows how white text looks on a background with the Hex color 25A79D.

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
34A4B1

Trichromacy



Original Color
25A79D



Protanomaly
6E9B96



Deuteranomaly
7199A0



Tritanomaly
2FA5AA

Monochromacy



Original Color
25A79D



Achromatopsia
7F7F7F



Achromatomaly
5E8E8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 25A79D 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 #25A79D looks like.

```
.text, #text, p{  
    color:#25A79D  
}
```

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 #25A79D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A79D
}
```

Border

The CSS property to change the border of an element to Hex 25A79D 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
#25A79D }
```

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

```
.border{ border-color:#25A79D }
```

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

Here you see how a box with a 4 pixel #25A79D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A79D; -webkit-box-shadow:4px 4px  
4px 4px #25A79D; box-shadow:4px 4px 4px  
4px #25A79D }
```

Background

The CSS property to change the background color of an element to Hex 25A79D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A79D }
```

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

```
.background{ background-color:#25A79D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor