

# Converting Colors

Hex(25A3A3)

Have a look what the booklet for  
Hex(25A3A3) contains.

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**Color**

**Hex(25A3A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25A3A3
RGB	37, 163, 163
RGB Percent	15%, 64%, 64%
CMY	0.8549, 0.3608, 0.3608
CMYK	0.77, 0.00, 0.00, 0.36
HSL	180°, 63%, 39%
HSV	180°, 77%, 64%
XYZ	20.4710, 29.2320, 39.2137
YIQ	125.3260, -75.0960, -26.7120

# Conversions

## Conversions Part 2

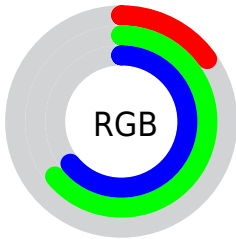
Format	Color
R <sub>Y</sub> B	37, 100, 163
Decimal	2466723
CIE Lab	60.99, -32.12, -9.56
CIE LCh	61, 33.517, 196.574
Yxy	29.2320, 0.2302, 0.3288
Android (android.graphics.Color)	4280656803 (0xFF25A3A3)
YUV	125.3260, 18.5733, -77.4619
Hunter-Lab	54.0667, -27.0321, -5.1555

# Details

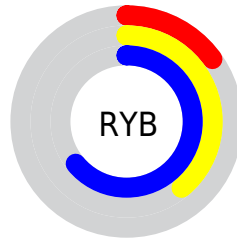
The Hex color **25A3A3** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A32525**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6ADADA**, and **006F6F** is the 20% darker color. If you saturate the color by 10%, you get **15A3A3**, and if you desaturate by 10%, it is **35A3A3**.

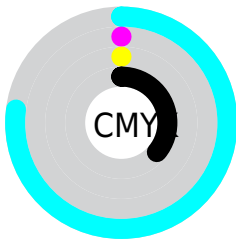
# Distribution



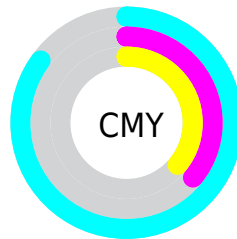
- Red (15%)
- Green (64%)
- Blue (64%)



- Red (15%)
- Yellow (39%)
- Blue (64%)



- Cyan (77%)
- Magenta (0%)
- Yellow (0%)
- Black (36%)



- Cyan (85%)
- Magenta (36%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25A3A3 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 25A3A3 by changing the saturation by 10% instead.





25A3A3



25A3A3

FFFFFF



008889



6ADADA



006F6F



87F7F6



005657



A5FFFF



003E40



C3FFFF



00282A



E1FFFF



000816



000000



25A3A3



25A3A3



15A3A3



35A3A3

04A3A3

46A3A3

00A3A3

56A3A3

66A3A3

77A3A3

87A3A3

97A3A3

A7A3A3

B8A3A3

# Harmonies

## Analogous

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



4FA284



25A3A3



1EA0BD

# Triad

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



25A3A3



AB86BC



B28D5A

# Complementary

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



25A3A3



A32525

# 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.



C68369



25A3A3



C47EA2

# Square

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



25A3A3



8390CC



CD7D84



969759

# Rectangle

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



25A3A3



3F9DC9



CD7D84



BA895D



# Sweetspot

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



25A3A3



A3D4D4



25A325



4D6B6B



EBEBEB



6B6B6B



# Same Dimension

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



25A3A3



0FD4D4



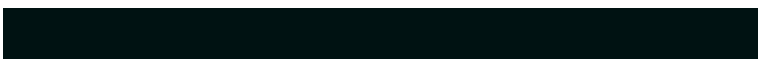
2564A3



495252



009191



001212



# Inverse Universe

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



A325A3



D40FD4



A36425



524952



910091

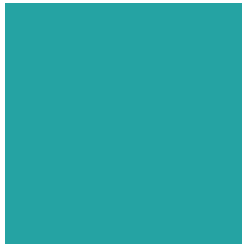


120012



# Previews

## White Background



This preview shows how the Hex color 25A3A3 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 25A3A3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

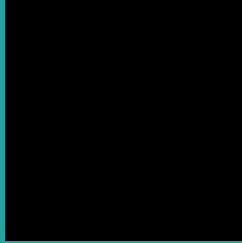
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 25A3A3 Background



This preview shows how black text looks on a background with the Hex color 25A3A3.

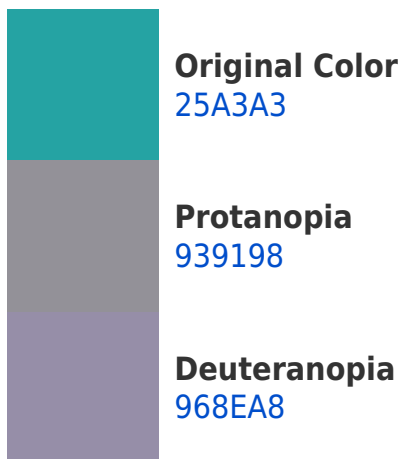


This preview shows how white text looks on a background with the Hex color 25A3A3.

# 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





# Trichromacy



**Original Color**  
25A3A3



**Protanomaly**  
6B989C



**Deuteranomaly**  
6D96A6



**Tritanomaly**  
2BA2AA

# Monochromacy



**Original Color**  
25A3A3



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
5D8B8B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25A3A3 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 #25A3A3 looks like.

```
.text, #text, p{  
    color:#25A3A3  
}
```

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 #25A3A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25A3A3
}
```

## Border

The CSS property to change the border of an element to Hex 25A3A3 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
#25A3A3 }
```

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

```
.border{ border-color:#25A3A3 }
```

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

Here you see how a box with a 4 pixel #25A3A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25A3A3; -webkit-box-shadow:4px 4px  
4px 4px #25A3A3; box-shadow:4px 4px 4px  
4px #25A3A3 }
```

# Background

The CSS property to change the background color of an element to Hex 25A3A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25A3A3 }
```

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

```
.background{ background-color:#25A3A3 }
```

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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