

# Converting Colors

Hex(25AF91)

Have a look what the booklet for  
Hex(25AF91) contains.

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# Color

**Hex(25AF91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	25AF91
RGB	37, 175, 145
RGB Percent	15%, 69%, 57%
CMY	0.8549, 0.3137, 0.4314
CMYK	0.79, 0.00, 0.17, 0.31
HSL	167°, 65%, 42%
HSV	167°, 79%, 69%
XYZ	21.2038, 33.0976, 32.0590
YIQ	130.3180, -72.6180, -38.5860

# Conversions

## Conversions Part 2

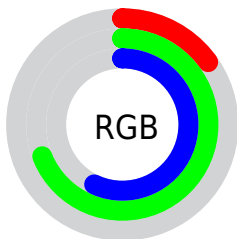
Format	Color
<a href="#">RYB</a>	<a href="#">37, 114, 175</a>
Decimal	<a href="#">2469777</a>
CIELab	<a href="#">64.24, -42.62, 5.29</a>
CIELCh	<a href="#">64, 42.943, 172.923</a>
Yxy	<a href="#">33.0976, 0.2455, 0.3832</a>
Android (android.graphics.Color)	<a href="#">4280659857 (0xFF25AF91)</a>
YUV	<a href="#">130.3180, 7.2382, -81.8399</a>
Hunter-Lab	<a href="#">57.5305, -34.8895, 7.2319</a>

# Details

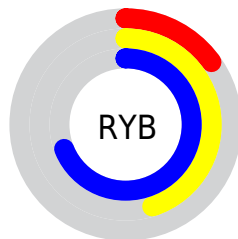
The Hex color **25AF91** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AF2543**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6AE7C7**, and **00795F** is the 20% darker color. If you saturate the color by 10%, you get **14AF8D**, and if you desaturate by 10%, it is **37AF95**.

# Distribution



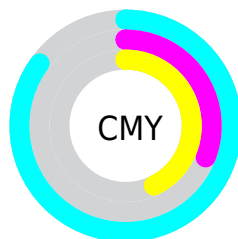
- Red (15%)
- Green (69%)
- Blue (57%)



- Red (15%)
- Yellow (45%)
- Blue (69%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (31%)



- Cyan (85%)
- Magenta (31%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 25AF91 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 25AF91 by changing the saturation by 10% instead.



 25AF91

 25AF91


FFFFFF

 009477

 6AE7C7

 00795F

 88FFE3

 006047

 A6FFFF

 004731

 C4FFFF

 00301C

 E2FFFF

 001802

 000000

 25AF91

 25AF91

 14AF8D

 37AF95

■ 02AF89

■ 48AF99

■ 00AF89

■ 5AAF9C

■ 6BAFA0

■ 7DAFA4

■ 8EAFA8

■ A0AFAC

■ B1AFAF

■ C3AFB3

# Harmonies

## Analogous

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



69AB6C



25AF91



00AFB8

# Triad

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



25AF91



9195E2



D78960

# Complementary

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



25AF91



AF2543

# 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.



E57E80



25AF91



C387CA

# Square

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



25AF91



47A2E7



DF7DA6



BB964E

# Rectangle

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



25AF91



00ADCF



DF7DA6



DD8469



# Sweetspot

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



25AF91



ACE3D7



45AF25



51736C



F2F2F2



737373



# Same Dimension

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



25AF91



0BE3B4



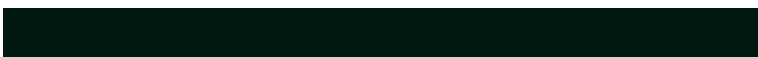
258AAF



4E5755



009676



001712



# Inverse Universe

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



AF2543



E30B3A



AF4A25



574E50



960021

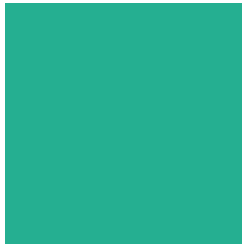


170005



# Previews

## White Background



This preview shows how the Hex color 25AF91 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

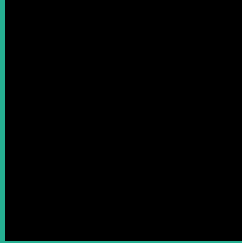
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 25AF91 Background



This preview shows how black text looks on a background with the Hex color 25AF91.

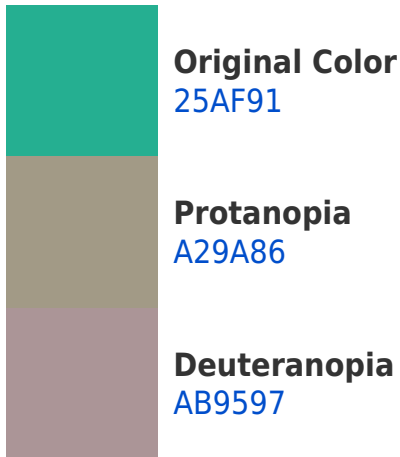


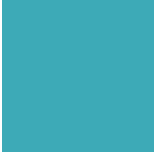
This preview shows how white text looks on a background with the Hex color 25AF91.

# 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



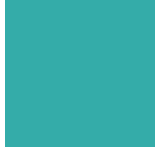
**Original Color**  
25AF91



**Protanomaly**  
75A28A



**Deuteranomaly**  
7A9E95



**Tritanomaly**  
34ACA9

# Monochromacy



**Original Color**  
25AF91



**Achromatopsia**  
828282



**Achromatomaly**  
609287

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 25AF91 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 #25AF91 looks like.

```
.text, #text, p{  
    color:#25AF91  
}
```

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 #25AF91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #25AF91
}
```

## Border

The CSS property to change the border of an element to Hex 25AF91 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
#25AF91 }
```

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

```
.border{ border-color:#25AF91 }
```

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

Here you see how a box with a 4 pixel #25AF91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #25AF91; -webkit-box-shadow:4px 4px  
4px 4px #25AF91; box-shadow:4px 4px 4px  
4px #25AF91 }
```

# Background

The CSS property to change the background color of an element to Hex 25AF91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#25AF91 }
```

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

```
.background{ background-color:#25AF91 }
```

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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