

# Converting Colors

Hex(24AB7F)

Have a look what the booklet for  
Hex(24AB7F) contains.

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**Color**

**Hex(24AB7F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24AB7F
RGB	36, 171, 127
RGB Percent	14%, 67%, 50%
CMY	0.8588, 0.3294, 0.5020
CMYK	0.79, 0.00, 0.26, 0.33
HSL	160°, 65%, 41%
HSV	160°, 79%, 67%
XYZ	19.1212, 31.0332, 25.0609
YIQ	125.6190, -66.3360, -42.3040

# Conversions

## Conversions Part 2

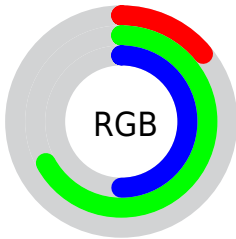
Format	Color
<b>RYB</b>	36, 117, 171
Decimal	2403199
CIELab	62.54, -45.54, 12.84
CIELCh	63, 47.317, 164.256
Yxy	31.0332, 0.2542, 0.4126
Android (android.graphics.Color)	4280593279 (0xFF24AB7F)
YUV	125.6190, 0.6808, -78.5959
Hunter-Lab	55.7074, -36.2190, 12.3227

# Details

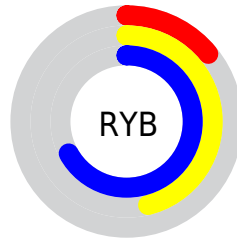
The Hex color **24AB7F** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AB2450**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **68E3B4**, and **00764E** is the 20% darker color. If you saturate the color by 10%, you get **13AB79**, and if you desaturate by 10%, it is **35AB85**.

# Distribution



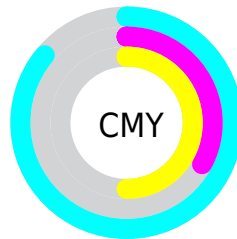
- Red (14%)
- Green (67%)
- Blue (50%)



- Red (14%)
- Yellow (46%)
- Blue (67%)



- Cyan (79%)
- Magenta (0%)
- Yellow (26%)
- Black (33%)



- Cyan (86%)
- Magenta (33%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24AB7F 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 24AB7F by changing the saturation by 10% instead.



 24AB7F

 24AB7F

FFFFFF

 009066

 68E3B4

 00764E

 86FFCF

 005C37

 A3FFEC

 004321

 C1FFFF

 002D0C

 DEFFFF

 001000

FDFFFF

 000000

 24AB7F

 24AB7F

 13AB79

 35AB85

■ 02AB74

■ 46AB8A

■ 00AB73

■ 57AB90

■ 68AB95

■ 7AAB9B

■ 8BABA0

■ 9CABA6

■ ADABAC

■ BEABB1

# Harmonies

## Analogous

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



6EA559



24AB7F



00ADAB

# Triad

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



24AB7F



7595E9



DD7E5E

# Complementary

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



24AB7F



AB2450

# 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.



E67485



24AB7F



B484D4

# Square

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



24AB7F



00A2E8



DA77AF



C28D45

# Rectangle

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



24AB7F



00ABC5



DA77AF



E2796A



# Sweetspot

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



24AB7F



A9DECC



51AB24



507066



F0F0F0



707070



# Same Dimension

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



24AB7F



0BDE99



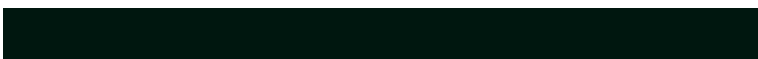
2494AB



4E5754



009665



00170F



# Inverse Universe

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



AB2450



DE0B50



AB3B24



574E51



960031

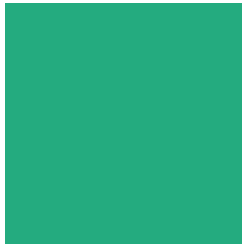


170007



# Previews

## White Background



This preview shows how the Hex color 24AB7F looks on a white background.

## Color Contrast Check

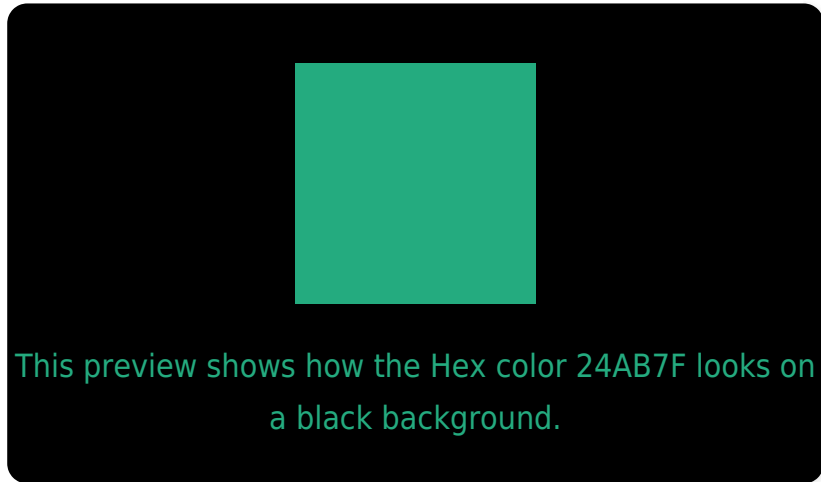
Large Text (above 18pt) WCAG AA × Fail

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

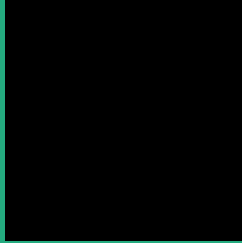
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24AB7F Background



This preview shows how black text looks on a background with the Hex color 24AB7F.

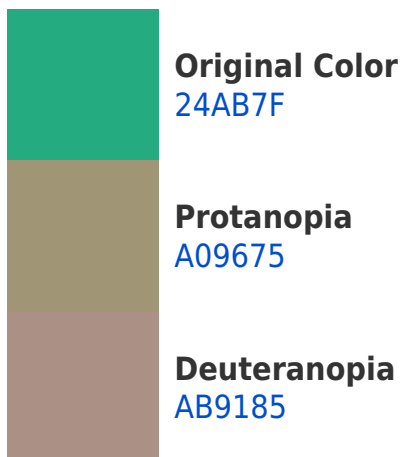


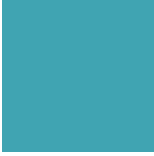
This preview shows how white text looks on a background with the Hex color 24AB7F.

# 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**  
40A4B2

# Trichromacy



**Original Color**  
24AB7F



**Protanomaly**  
739E79



**Deuteranomaly**  
7A9A83



**Tritanomaly**  
36A79F

# Monochromacy



**Original Color**  
24AB7F



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
5D8E7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24AB7F 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 #24AB7F looks like.

```
.text, #text, p{  
    color:#24AB7F  
}
```

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 #24AB7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24AB7F
}
```

## Border

The CSS property to change the border of an element to Hex 24AB7F 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
#24AB7F }
```

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

```
.border{ border-color:#24AB7F }
```

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

Here you see how a box with a 4 pixel #24AB7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24AB7F; -webkit-box-shadow:4px 4px  
4px 4px #24AB7F; box-shadow:4px 4px 4px  
4px #24AB7F }
```

# Background

The CSS property to change the background color of an element to Hex 24AB7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24AB7F }
```

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

```
.background{ background-color:#24AB7F }
```

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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