

# Converting Colors

Hex(24A7B1)

Have a look what the booklet for  
Hex(24A7B1) contains.

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# Color

**Hex(24A7B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24A7B1
RGB	36, 167, 177
RGB Percent	14%, 65%, 69%
CMY	0.8588, 0.3451, 0.3059
CMYK	0.80, 0.06, 0.00, 0.31
HSL	184°, 66%, 42%
HSV	184°, 80%, 69%
XYZ	22.4821, 31.1868, 46.4297
YIQ	128.9710, -81.2860, -24.6620

# Conversions

## Conversions Part 2

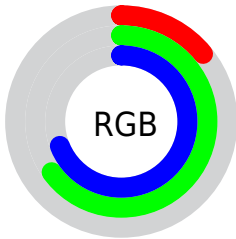
Format	Color
<a href="#">RYB</a>	<a href="#">36, 104, 177</a>
Decimal	<a href="#">2402225</a>
CIELab	<a href="#">62.67, -29.85, -14.91</a>
CIELCh	<a href="#">63, 33.367, 206.536</a>
Yxy	<a href="#">31.1868, 0.2246, 0.3116</a>
Android (android.graphics.Color)	<a href="#">4280592305</a> ( <a href="#">0xFF24A7B1</a> )
YUV	<a href="#">128.9710, 23.6783, -81.5356</a>
Hunter-Lab	<a href="#">55.8452, -25.8687, -10.2021</a>

# Details

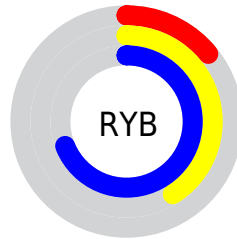
The Hex color **24A7B1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B12E24**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6BDFE9**, and **00727C** is the 20% darker color. If you saturate the color by 10%, you get **12A6B1**, and if you desaturate by 10%, it is **36A8B1**.

# Distribution



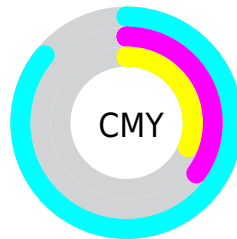
- Red (14%)
- Green (65%)
- Blue (69%)



- Red (14%)
- Yellow (41%)
- Blue (69%)



- Cyan (80%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (35%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24A7B1 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 24A7B1 by changing the saturation by 10% instead.



 24A7B1

 24A7B1

FFFFFF

 008C96

 6BDFE9

 00727C

 8AFBFF

 005964

 A8FFFF

 00414C

 C6FFFF

 002B35

 E4FFFF

 001220

 000006

 000000

 24A7B1

 24A7B1

■ 12A6B1

■ 36A8B1

■ 01A4B1

■ 47AAB1

■ 00A4B1

■ 59ABB1

■ 6BACB1

■ 7CADB1

■ 8EAFB1

■ A0B0B1

■ B2B1B1

■ C3B2B1

# Harmonies

## Analogous

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



47A793



24A7B1



36A3C8

# Triad

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



24A7B1



BA87B9



AE955C

# Complementary

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



24A7B1



B12E24

# 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.



C58A67



24A7B1



CE819C

# Square

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



24A7B1



9691CC



D1827F



909E62

# Rectangle

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



24A7B1



579ED1



D1827F



B7915E



# Sweetspot

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



24A7B1



AEE2E6



24B12D



517073



F2F2F2



737373



# Same Dimension

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



24A7B1



09D6E6



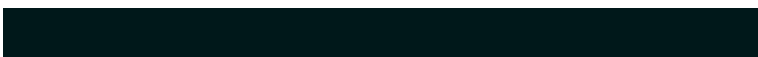
2461B1



505959



008E99



00181A



# Inverse Universe

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



B124A7



E609D6



B17424



595059



99008E



1A0018



# Previews

## White Background



This preview shows how the Hex color 24A7B1 looks on a white background.

## Color Contrast Check

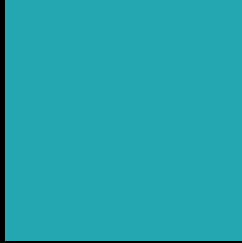
Large Text (above 18pt) WCAG AA × Fail

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 24A7B1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

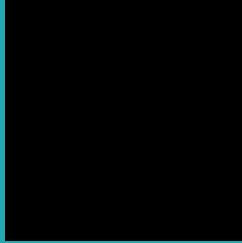
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

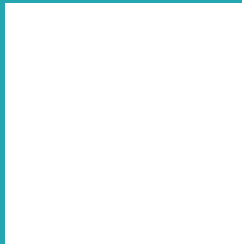
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 24A7B1 Background



This preview shows how black text looks on a background with the Hex color 24A7B1.

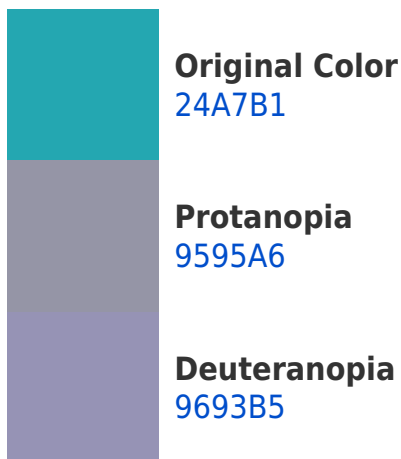


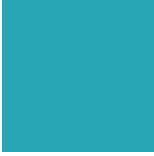
This preview shows how white text looks on a background with the Hex color 24A7B1.

# 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](#).

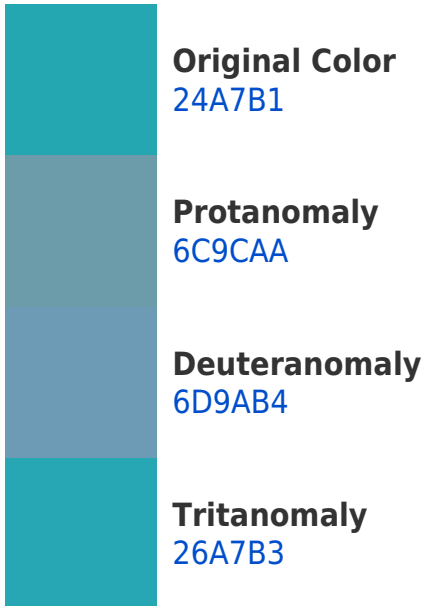
## Dichromacy



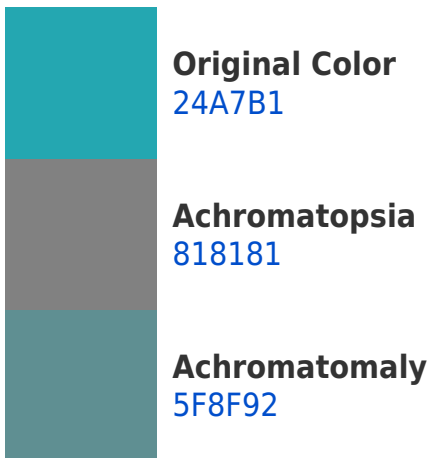


**Tritanopia**  
27A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24A7B1 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 #24A7B1 looks like.

```
.text, #text, p{  
    color:#24A7B1  
}
```

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 #24A7B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A7B1
}
```

## Border

The CSS property to change the border of an element to Hex 24A7B1 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
#24A7B1 }
```

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

```
.border{ border-color:#24A7B1 }
```

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

Here you see how a box with a 4 pixel #24A7B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A7B1; -webkit-box-shadow:4px 4px  
4px 4px #24A7B1; box-shadow:4px 4px 4px  
4px #24A7B1 }
```

# Background

The CSS property to change the background color of an element to Hex 24A7B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A7B1 }
```

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

```
.background{ background-color:#24A7B1 }
```

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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