

Converting Colors

Hex(23AD8F)

Have a look what the booklet for
Hex(23AD8F) contains.

Hex(23AD8F)	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(23AD8F)

Conversions

Conversions Part 1

Format	Color
Hex	23AD8F
RGB	35, 173, 143
RGB Percent	14%, 68%, 56%
CMY	0.8627, 0.3216, 0.4392
CMYK	0.80, 0.00, 0.17, 0.32
HSL	167°, 66%, 41%
HSV	167°, 80%, 68%
XYZ	20.5946, 32.2276, 31.1217
YIQ	128.3180, -72.6180, -38.5860

Conversions

Conversions Part 2

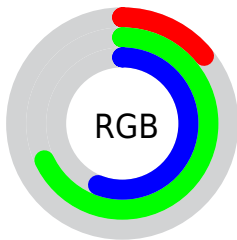
Format	Color
RYB	35, 112, 173
Decimal	2338191
CIELab	63.53, -42.49, 5.38
CIELCh	64, 42.829, 172.787
Yxy	32.2276, 0.2453, 0.3839
Android (android.graphics.Color)	4280528271 (0xFF23AD8F)
YUV	128.3180, 7.2382, -81.8399
Hunter-Lab	56.7694, -34.5907, 7.2350

Details

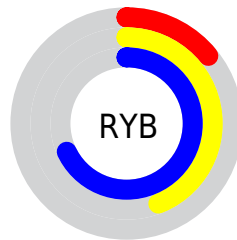
The Hex color **23AD8F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD2341**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **69E5C5**, and **00785D** is the 20% darker color. If you saturate the color by 10%, you get **12AD8B**, and if you desaturate by 10%, it is **34AD93**.

Distribution



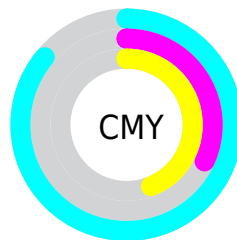
- Red (14%)
- Green (68%)
- Blue (56%)



- Red (14%)
- Yellow (44%)
- Blue (68%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)



- Cyan (86%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23AD8F 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 23AD8F by changing the saturation by 10% instead.

 23AD8F

 23AD8F

FFFFFF

 009275

 69E5C5

 00785D

 87FFE1

 005E45

 A4FFFD

 00452F

 C2FFFF

 002E1A

 E0FFFF

 001500

FEFFFF

 000000

 23AD8F

 23AD8F

 12AD8B

 34AD93

■ 00AD87

■ 46AD97

■ 57AD9A

■ 68AD9E

■ 7AADA2

■ 8BADA6

■ 9CADA9

■ ADADAD

■ BFADB1

Harmonies

Analogous

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



67A96A



23AD8F



00ADB6

Triad

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



23AD8F



8F93E0



D5875E

Complementary

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



23AD8F



AD2341

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.



E27C7E



23AD8F



C085C8

Square

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



23AD8F



44A1E5



DC7BA5



B9954D

Rectangle

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



23AD8F



00ABCD



DC7BA5



DB8368

Sweetspot

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



23AD8F



ABE0D5



43AD23



507069



F0F0F0



707070

Same Dimension

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



23AD8F



09E0B2



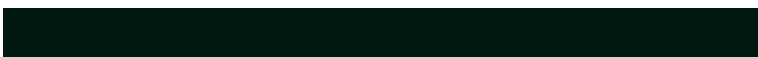
2388AD



4E5755



009676



001712

Inverse Universe

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



AD2341



E00938



AD4823



574E50



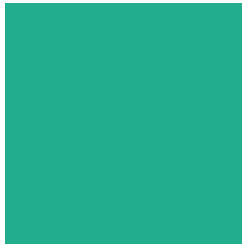
960021



170005

Previews

White Background



This preview shows how the Hex color 23AD8F 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 23AD8F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

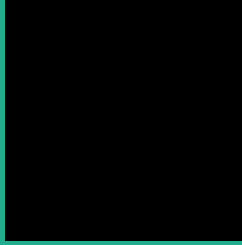
Any Text WCAG AA ✓ Pass

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 23AD8F Background



This preview shows how black text looks on a background with the Hex color 23AD8F.

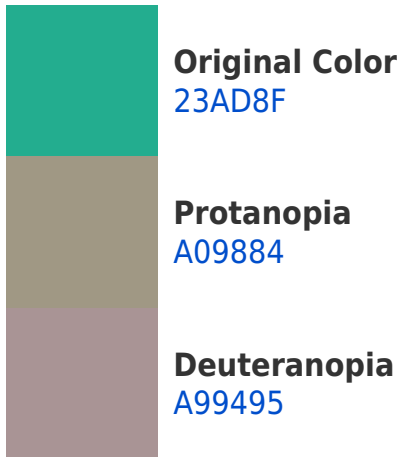


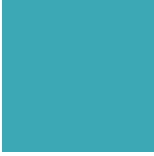
This preview shows how white text looks on a background with the Hex color 23AD8F.

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



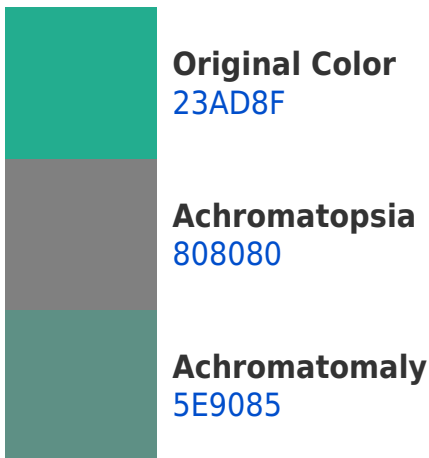


Tritanopia
3CA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23AD8F 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 #23AD8F looks like.

```
.text, #text, p{  
    color:#23AD8F  
}
```

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 #23AD8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23AD8F
}
```

Border

The CSS property to change the border of an element to Hex 23AD8F 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
#23AD8F }
```

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

```
.border{ border-color:#23AD8F }
```

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

Here you see how a box with a 4 pixel #23AD8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23AD8F; -webkit-box-shadow:4px 4px  
4px 4px #23AD8F; box-shadow:4px 4px 4px  
4px #23AD8F }
```

Background

The CSS property to change the background color of an element to Hex 23AD8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23AD8F }
```

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

```
.background{ background-color:#23AD8F }
```

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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