

# Converting Colors

Hex(23AC8F)

Have a look what the booklet for  
Hex(23AC8F) contains.

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# Color

Hex(23AC8F)

# Conversions

## Conversions Part 1

Format	Color
Hex	23AC8F
RGB	35, 172, 143
RGB Percent	14%, 67%, 56%
CMY	0.8627, 0.3255, 0.4392
CMYK	0.80, 0.00, 0.17, 0.33
HSL	167°, 66%, 41%
HSV	167°, 80%, 67%
XYZ	20.4036, 31.8455, 31.0580
YIQ	127.7310, -72.3430, -38.0630

# Conversions

## Conversions Part 2

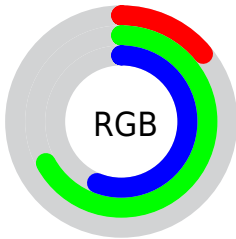
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 112, 172
Decimal	2337935
CIELab	63.22, -42.06, 4.92
CIELCh	63, 42.349, 173.324
Yxy	31.8455, 0.2449, 0.3823
Android (android.graphics.Color)	4280528015 (0xFF23AC8F)
YUV	127.7310, 7.5276, -81.3251
Hunter-Lab	56.4319, -34.2170, 6.8713

# Details

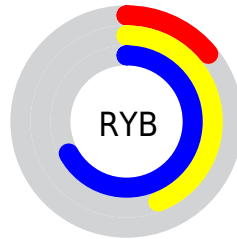
The Hex color **23AC8F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC2340**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **68E4C5**, and **00775D** is the 20% darker color. If you saturate the color by 10%, you get **12AC8B**, and if you desaturate by 10%, it is **34AC93**.

# Distribution



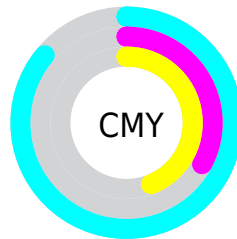
- Red (14%)
- Green (67%)
- Blue (56%)



- Red (14%)
- Yellow (44%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (33%)



- Cyan (86%)
- Magenta (33%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 23AC8F 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 23AC8F by changing the saturation by 10% instead.



 23AC8F

 23AC8F

FFFFFF

 009175


 68E4C5

 00775D

 86FFE1

 005D45

 A4FFFD

 00452F

 C2FFFF

 002E1A

 E0FFFF

 001300

FEFFFF

 000000

 23AC8F

 23AC8F

 12AC8B

 34AC93

■ 01AC88

■ 45AC96

■ 00AC88

■ 57AC9A

■ 68AC9E

■ 79ACA1

■ 8AACA5

■ 9BACA8

■ ADACAC

■ BEACB0

# Harmonies

## Analogous

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



66A86B



23AC8F



00ACB6

# Triad

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



23AC8F



8F92DE



D3865E

# Complementary

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



23AC8F



AC2340

# 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.



E17C7D



23AC8F



C084C6

# Square

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



23AC8F



479FE3



DB7BA3



B8944D

# Rectangle

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



23AC8F



00AACC



DB7BA3



D98267



# Sweetspot

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



23AC8F



ABE0D5



41AC23



507069



F0F0F0



707070



# Same Dimension

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



23AC8F



09E0B3



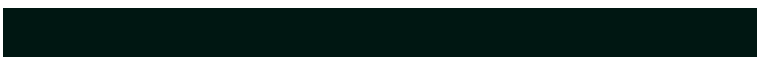
2385AC



4E5755



009677



001712



# Inverse Universe

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



AC2340



E00937



AC4A23



574E50



960020

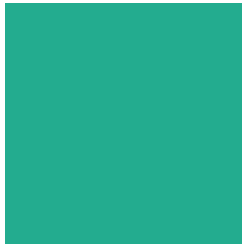


170005



# Previews

## White Background



This preview shows how the Hex color 23AC8F looks on a white background.

## Color Contrast Check

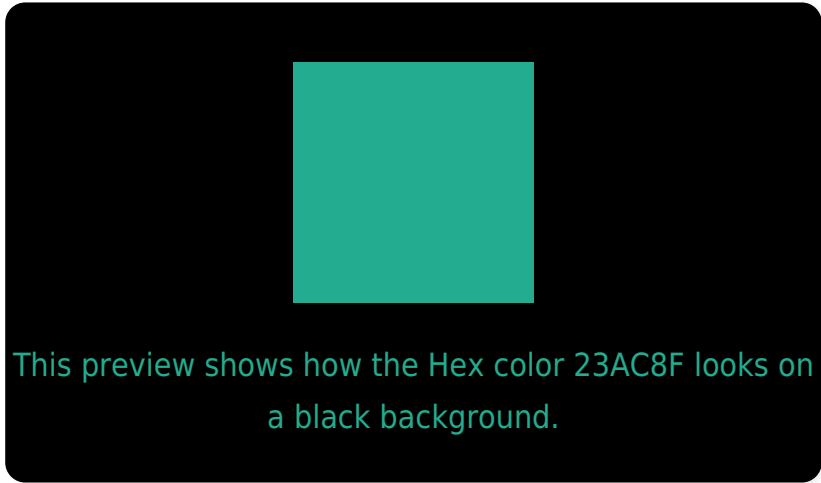
Large Text (above 18pt) WCAG AA × Fail

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

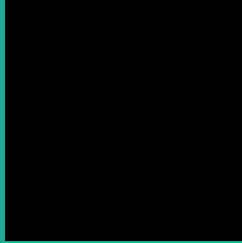
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 23AC8F Background



This preview shows how black text looks on a background with the Hex color 23AC8F.

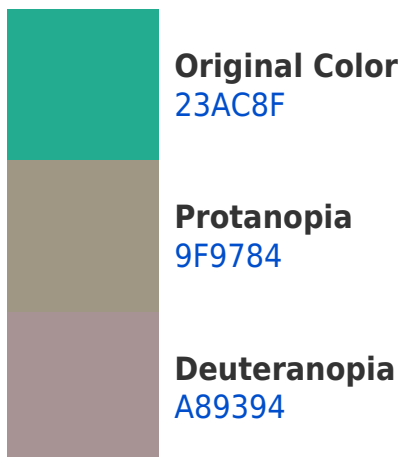


This preview shows how white text looks on a background with the Hex color 23AC8F.

# 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



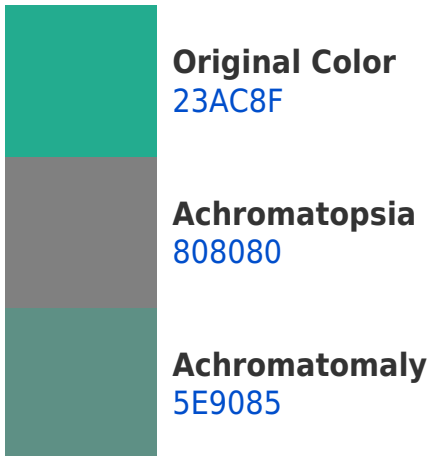


**Tritanopia**  
3BA7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 23AC8F 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 #23AC8F looks like.

```
.text, #text, p{  
    color:#23AC8F  
}
```

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 #23AC8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23AC8F
}
```

## Border

The CSS property to change the border of an element to Hex 23AC8F 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
#23AC8F }
```

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

```
.border{ border-color:#23AC8F }
```

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

Here you see how a box with a 4 pixel #23AC8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23AC8F; -webkit-box-shadow:4px 4px  
4px 4px #23AC8F; box-shadow:4px 4px 4px  
4px #23AC8F }
```

# Background

The CSS property to change the background color of an element to Hex 23AC8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23AC8F }
```

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

```
.background{ background-color:#23AC8F }
```

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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