

Converting Colors

Hex(23A9A8)

Have a look what the booklet for
Hex(23A9A8) contains.

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Color

Hex(23A9A8)

Conversions

Conversions Part 1

Format	Color
Hex	23A9A8
RGB	35, 169, 168
RGB Percent	14%, 66%, 66%
CMY	0.8627, 0.3373, 0.3412
CMYK	0.79, 0.00, 0.01, 0.34
HSL	180°, 66%, 40%
HSV	180°, 79%, 66%
XYZ	21.9490, 31.5604, 41.9807
YIQ	128.8200, -79.5430, -28.7190

Conversions

Conversions Part 2

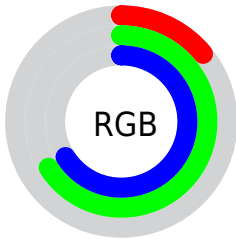
Format	Color
RYB	35, 102, 169
Decimal	2337192
CIELab	62.98, -33.66, -9.40
CIELCh	63, 34.951, 195.597
Yxy	31.5604, 0.2299, 0.3305
Android (android.graphics.Color)	4280527272 (0xFF23A9A8)
YUV	128.8200, 19.3157, -82.2801
Hunter-Lab	56.1787, -28.5727, -4.9807

Details

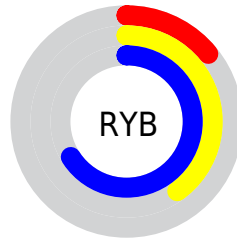
The Hex color **23A9A8** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A92324**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6AE1DF**, and **007474** is the 20% darker color. If you saturate the color by 10%, you get **12A9A8**, and if you desaturate by 10%, it is **34A9A8**.

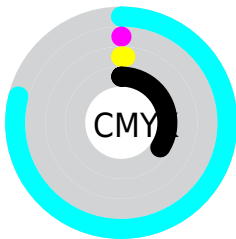
Distribution



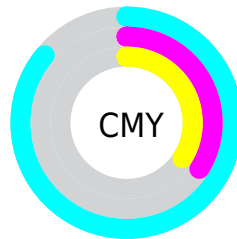
- Red (14%)
- Green (66%)
- Blue (66%)



- Red (14%)
- Yellow (40%)
- Blue (66%)



- Cyan (79%)
- Magenta (0%)
- Yellow (1%)
- Black (34%)



- Cyan (86%)
- Magenta (34%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A9A8 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 23A9A8 by changing the saturation by 10% instead.

 23A9A8

 23A9A8

FFFFFF

 008E8E

 6AE1DF

 007474

 88FEFC

 005B5C

 A6FFFF

 004344

 C4FFFF

 002C2E

 E2FFFF

 00131A

 000000

 23A9A8

 23A9A8

 12A9A8

 34A9A8

01A9A8

45A9A8

00A9A8

56A9A8

67A9A9

77A9A9

88A9A9

99A9A9

AAA9A9

BBA9A9

Harmonies

Analogous

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



52A888



23A9A8



16A6C4

Triad

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



23A9A8



B08AC4



BA915C

Complementary

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



23A9A8



A92324

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.



CE876D



23A9A8



CB82A9

Square

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



23A9A8



8696D4



D58189



9D9C5C

Rectangle

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



23A9A8



3DA2D0



D58189



C28E60

Sweetspot

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



23A9A8



A7DBDB



25A923



4E6E6D



EDEDED



6E6E6E

Same Dimension

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



23A9A8



0BDBDA



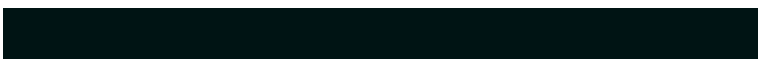
2368A9



4C5454



009493



001414

Inverse Universe

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



A92324



DB0B0D



A96423



544C4C



940001



140000

Previews

White Background



This preview shows how the Hex color 23A9A8 looks on a white background.

Color Contrast Check

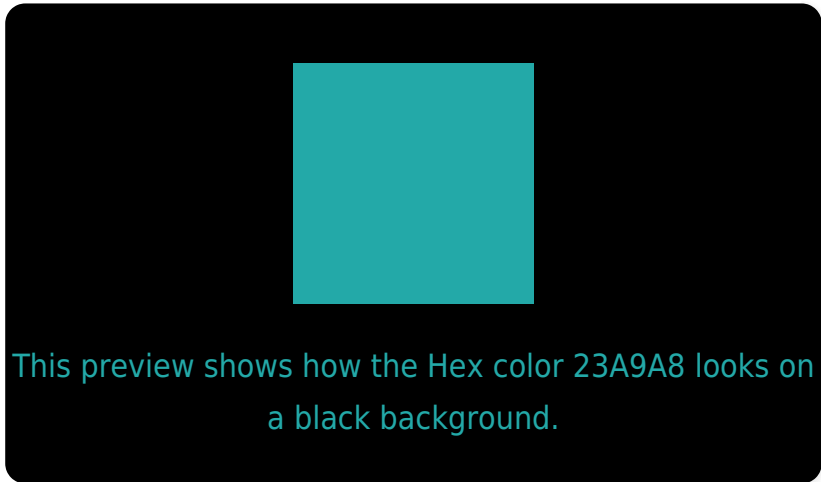
Large Text (above 18pt) WCAG AA × Fail

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

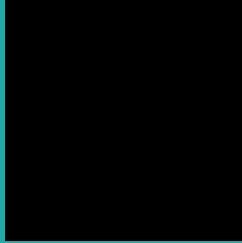
Any Text WCAG AA ✓ Pass

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 23A9A8 Background



This preview shows how black text looks on a background with the Hex color 23A9A8.

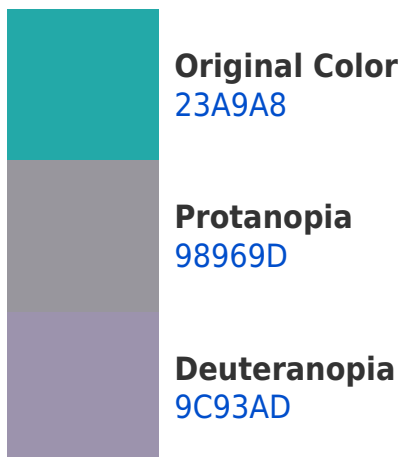


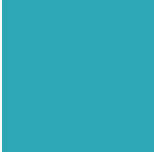
This preview shows how white text looks on a background with the Hex color 23A9A8.

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](#).

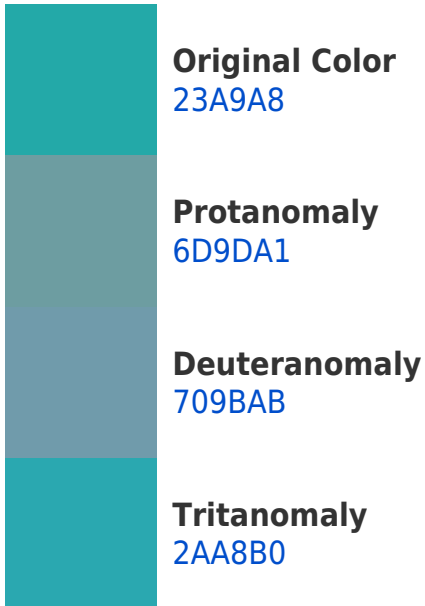
Dichromacy



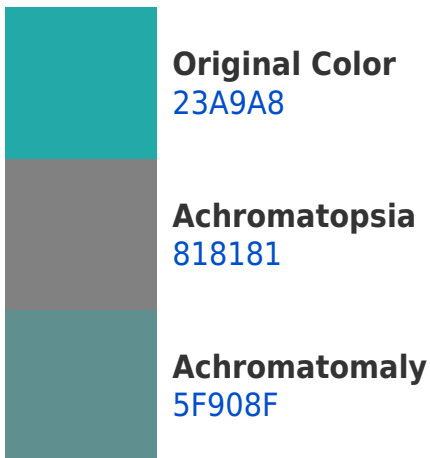


Tritanopia
2EA7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23A9A8 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 #23A9A8 looks like.

```
.text, #text, p{  
    color:#23A9A8  
}
```

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 #23A9A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A9A8
}
```

Border

The CSS property to change the border of an element to Hex 23A9A8 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
#23A9A8 }
```

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

```
.border{ border-color:#23A9A8 }
```

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

Here you see how a box with a 4 pixel #23A9A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A9A8; -webkit-box-shadow:4px 4px  
4px 4px #23A9A8; box-shadow:4px 4px 4px  
4px #23A9A8 }
```

Background

The CSS property to change the background color of an element to Hex 23A9A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A9A8 }
```

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

```
.background{ background-color:#23A9A8 }
```

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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