

Converting Colors

Hex(23AE9C)

Have a look what the booklet for
Hex(23AE9C) contains.

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Color

Hex(23AE9C)

Conversions

Conversions Part 1

Format	Color
Hex	23AE9C
RGB	35, 174, 156
RGB Percent	14%, 68%, 61%
CMY	0.8627, 0.3176, 0.3882
CMYK	0.80, 0.00, 0.10, 0.32
HSL	172°, 67%, 41%
HSV	172°, 80%, 68%
XYZ	21.8299, 33.0297, 36.6773
YIQ	130.3870, -77.0660, -35.0660

Conversions

Conversions Part 2

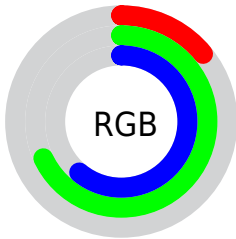
Format	Color
R _Y B	35, 109, 174
Decimal	2338460
CIE Lab	64.18, -39.42, -0.91
CIE LCh	64, 39.433, 181.320
Yxy	33.0297, 0.2385, 0.3608
Android (android.graphics.Color)	4280528540 (0xFF23AE9C)
YUV	130.3870, 12.6272, -83.6544
Hunter-Lab	57.4715, -32.7738, 2.3922

Details

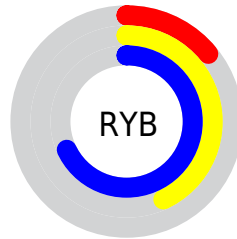
The Hex color **23AE9C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE2335**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6AE6D2**, and **007969** is the 20% darker color. If you saturate the color by 10%, you get **12AE9A**, and if you desaturate by 10%, it is **34AE9E**.

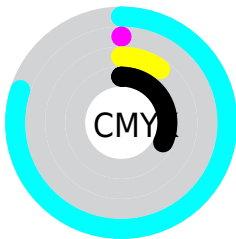
Distribution



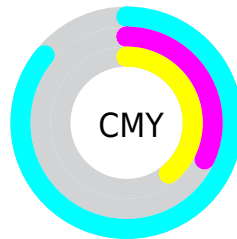
- Red (14%)
- Green (68%)
- Blue (61%)



- Red (14%)
- Yellow (43%)
- Blue (68%)



- Cyan (80%)
- Magenta (0%)
- Yellow (10%)
- Black (32%)



- Cyan (86%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23AE9C 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 23AE9C by changing the saturation by 10% instead.

 23AE9C

 23AE9C

FFFFFF

 009382

 6AE6D2

 007969

 88FEEF

 005F51

 A6FFFF

 00473A

 C4FFFF

 002F24

 E2FFFF

 001810

 000000

 23AE9C

 23AE9C

 12AE9A

 34AE9E

00AE97

46AEA1

57AEA3

69AEA5

7AAEA7

8BAEAA

9DAEAC

AEAEAE

C0AEB0

Harmonies

Analogous

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



61AB79



23AE9C



00ADB9

Triad

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



23AE9C



A192D8



CD8E5F

Complementary

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



23AE9C



AE2335

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.



DD8379



23AE9C



C986BE

Square

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



23AE9C



689FE2



DD7F9B



B09A54

Rectangle

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



23AE9C



00AAD2



DD7F9B



D48A66

Sweetspot

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



23AE9C



ACE3DC



36AE23



51736E



F2F2F2



737373

Same Dimension

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



23AE9C



09E3C7



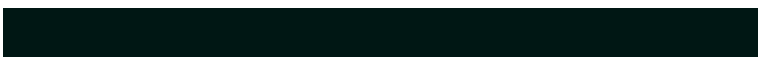
237BAE



4E5756



009683



001714

Inverse Universe

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



AE2335



E30925



AE5623



574E4F



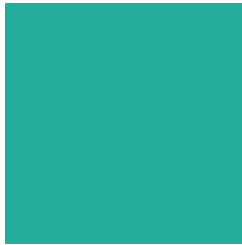
960013



170003

Previews

White Background



This preview shows how the Hex color 23AE9C looks on a white background.

Color Contrast Check

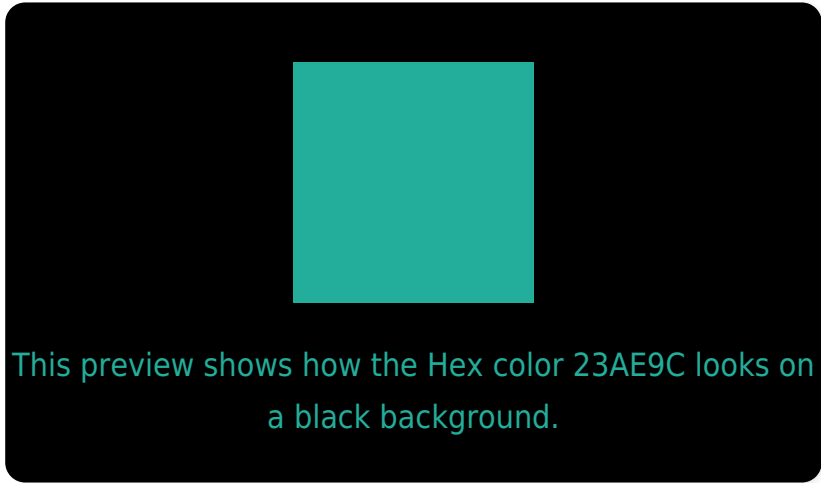
Large Text (above 18pt) WCAG AA × Fail

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

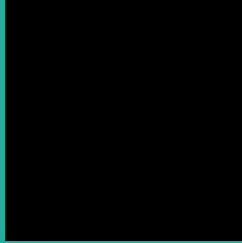
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

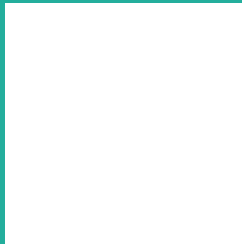
Any Text WCAG AAA ✓ Pass

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

Hex 23AE9C Background



This preview shows how black text looks on a background with the Hex color 23AE9C.

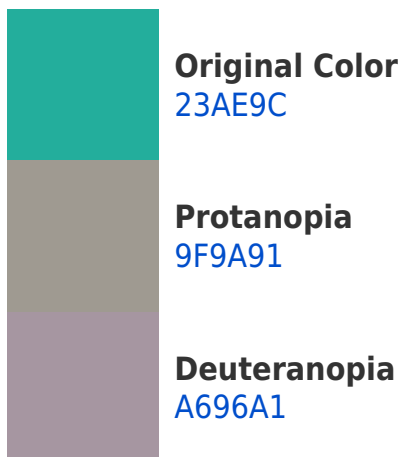


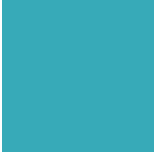
This preview shows how white text looks on a background with the Hex color 23AE9C.

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](#).

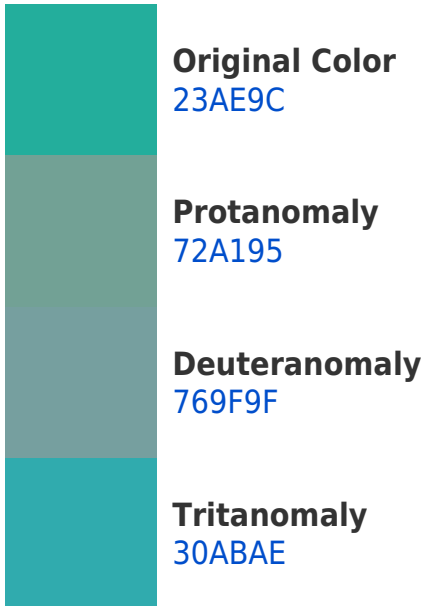
Dichromacy





Tritanopia
37AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23AE9C 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 #23AE9C looks like.

```
.text, #text, p{  
    color:#23AE9C  
}
```

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 #23AE9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23AE9C
}
```

Border

The CSS property to change the border of an element to Hex 23AE9C 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
#23AE9C }
```

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

```
.border{ border-color:#23AE9C }
```

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

Here you see how a box with a 4 pixel #23AE9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23AE9C; -webkit-box-shadow:4px 4px  
4px 4px #23AE9C; box-shadow:4px 4px 4px  
4px #23AE9C }
```

Background

The CSS property to change the background color of an element to Hex 23AE9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23AE9C }
```

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

```
.background{ background-color:#23AE9C }
```

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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