

Converting Colors

Hex(23AE96)

Have a look what the booklet for
Hex(23AE96) contains.

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Color

Hex(23AE96)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 23AE96 |
| RGB | 35, 174, 150 |
| RGB Percent | 14%, 68%, 59% |
| CMY | 0.8627, 0.3176, 0.4118 |
| CMYK | 0.80, 0.00, 0.14, 0.32 |
| HSL | 170°, 67%, 41% |
| HSV | 170°, 80%, 68% |
| XYZ | 21.3342, 32.8314, 34.0668 |
| YIQ | 129.7030, -75.1400, -36.9320 |

Conversions

Conversions Part 2

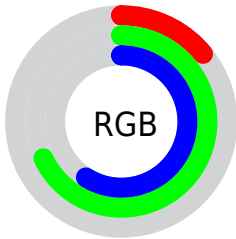
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 35, 111, 174 |
| Decimal | 2338454 |
| CIE Lab | 64.02, -41.07, 2.20 |
| CIE LCh | 64, 41.124, 176.937 |
| Yxy | 32.8314, 0.2418, 0.3721 |
| Android (android.graphics.Color) | 4280528534 (0xFF23AE96) |
| YUV | 129.7030, 10.0064, -83.0545 |
| Hunter-Lab | 57.2987, -33.8113, 4.8584 |

Details

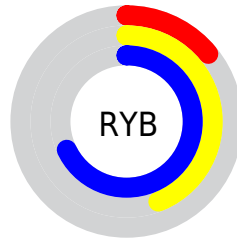
The Hex color **23AE96** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE233B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **69E6CC**, and **007963** is the 20% darker color. If you saturate the color by 10%, you get **12AE93**, and if you desaturate by 10%, it is **34AE99**.

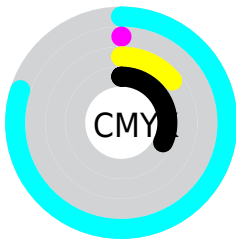
Distribution



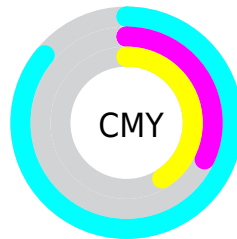
- Red (14%)
- Green (68%)
- Blue (59%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)



- Cyan (86%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23AE96 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 23AE96 by changing the saturation by 10% instead.

 23AE96

 23AE96

FFFFFF

 00937C

 69E6CC

 007963

 87FFE8

 005F4C

 A5FFFF

 004635

 C3FFFF

 002F20

 E1FFFF

 001709

 000000

 23AE96

 23AE96

 12AE93

 34AE99

00AE90

46AE9C

57AE9F

69AEA2

7AAEA5

8BAEA8

9DAEAB

AEAEAE

C0AEB1

Harmonies

Analogous

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



64AA72



23AE96



00AE9B

Triad

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



23AE96



9993DD



D28B5F

Complementary

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



23AE96



AE233B

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.



E0807C



23AE96



C586C4

Square

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



23AE96



58A0E4



DD7EA0



B59851

Rectangle

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



23AE96



00ABD0



DD7EA0



D88767

Sweetspot

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



23AE96



ACE3DA



3CAE23



51736D



F2F2F2



737373

Same Dimension

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



23AE96



09E3BD



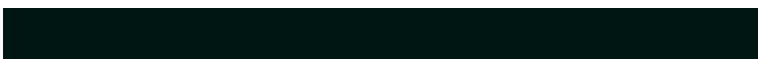
2382AE



4E5755



00967C



001713

Inverse Universe

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



AE233B



E3092F



AE4F23



574E50



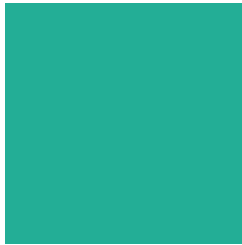
96001A



170004

Previews

White Background



This preview shows how the Hex color 23AE96 looks on a white background.

Color Contrast Check

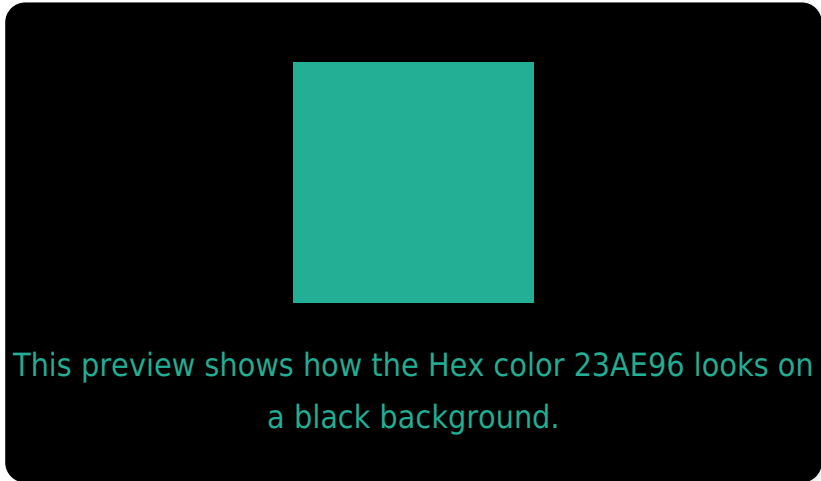
Large Text (above 18pt) WCAG AA × Fail

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

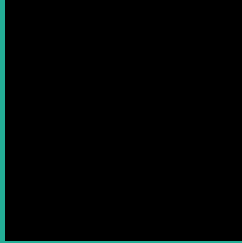
Any Text WCAG AA ✓ Pass

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 23AE96 Background



This preview shows how black text looks on a background with the Hex color 23AE96.

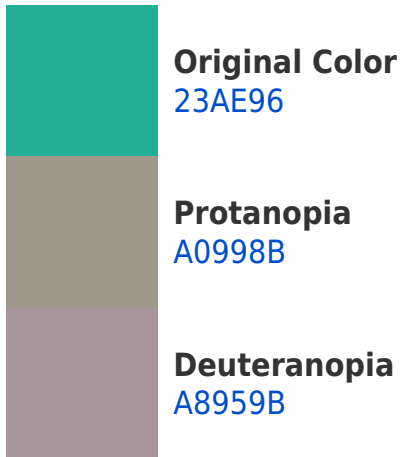


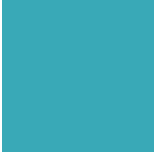
This preview shows how white text looks on a background with the Hex color 23AE96.

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



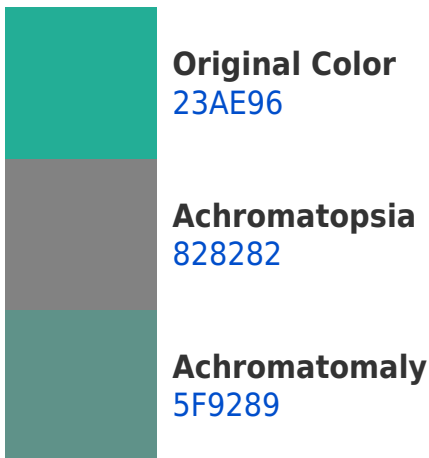


Tritanopia
39A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23AE96 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 #23AE96 looks like.

```
.text, #text, p{  
    color:#23AE96  
}
```

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 #23AE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23AE96
}
```

Border

The CSS property to change the border of an element to Hex 23AE96 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
#23AE96 }
```

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

```
.border{ border-color:#23AE96 }
```

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

Here you see how a box with a 4 pixel #23AE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23AE96; -webkit-box-shadow:4px 4px  
4px 4px #23AE96; box-shadow:4px 4px 4px  
4px #23AE96 }
```

Background

The CSS property to change the background color of an element to Hex 23AE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23AE96 }
```

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

```
.background{ background-color:#23AE96 }
```

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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