

Converting Colors

Hex(23A58B)

Have a look what the booklet for
Hex(23A58B) contains.

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Color

Hex(23A58B)

Conversions

Conversions Part 1

Format	Color
Hex	23A58B
RGB	35, 165, 139
RGB Percent	14%, 65%, 55%
CMY	0.8627, 0.3529, 0.4549
CMYK	0.79, 0.00, 0.16, 0.35
HSL	168°, 65%, 39%
HSV	168°, 79%, 65%
XYZ	18.8085, 29.1317, 29.0578
YIQ	123.1660, -69.1340, -35.6460

Conversions

Conversions Part 2

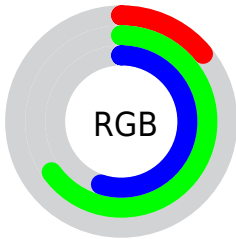
Format	Color
RYB	35, 107, 165
Decimal	2336139
CIELab	60.90, -40.09, 3.82
CIElCh	61, 40.269, 174.560
Yxy	29.1317, 0.2443, 0.3783
Android (android.graphics.Color)	4280526219 (0xFF23A58B)
YUV	123.1660, 7.8062, -77.3216
Hunter-Lab	53.9738, -32.2514, 5.8618

Details

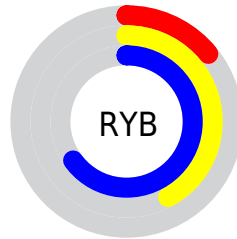
The Hex color **23A58B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A5233D**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **67DDC0**, and **007059** is the 20% darker color. If you saturate the color by 10%, you get **13A588**, and if you desaturate by 10%, it is **34A58E**.

Distribution



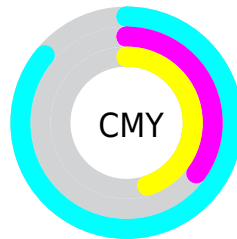
- Red (14%)
- Green (65%)
- Blue (55%)



- Red (14%)
- Yellow (42%)
- Blue (65%)



- Cyan (79%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)



- Cyan (86%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A58B 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 23A58B by changing the saturation by 10% instead.



23A58B



23A58B

FFFFFF



008A72



67DDC0



007059



84FADC



005742



A2FFF9



003F2C



BFFFFFF



002917



DDFFFF



000600



FBFFFF



000000



23A58B



23A58B



13A588



34A58E

■ 02A584

■ 44A592

■ 00A584

■ 55A595

■ 65A598

■ 76A59B

■ 86A59F

■ 97A5A2

■ A7A5A5

■ B8A5A9

Harmonies

Analogous

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



61A168



23A58B



00A5AF

Triad

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



23A58B



8C8CD4



C9825A

Complementary

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



23A58B



A5233D

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.



D67877



23A58B



B97FBD

Square

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



23A58B



4B99D9



D2779B



AF8F4B

Rectangle

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



23A58B



00A3C4



D2779B



CF7E63

Sweetspot

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



23A58B



A3D6CC



3DA523



4C6B65



EBEBEB



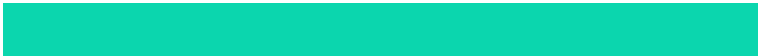
6B6B6B

Same Dimension

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



23A58B



0BD6AE



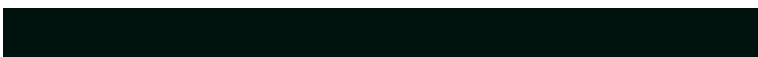
237EA5



495250



009174



00120E

Inverse Universe

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



A5233D



D60B33



A54A23



52494B



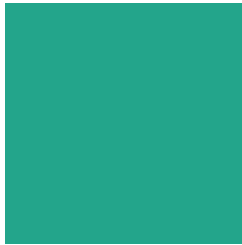
91001D



120004

Previews

White Background



This preview shows how the Hex color 23A58B looks on a white background.

Color Contrast Check

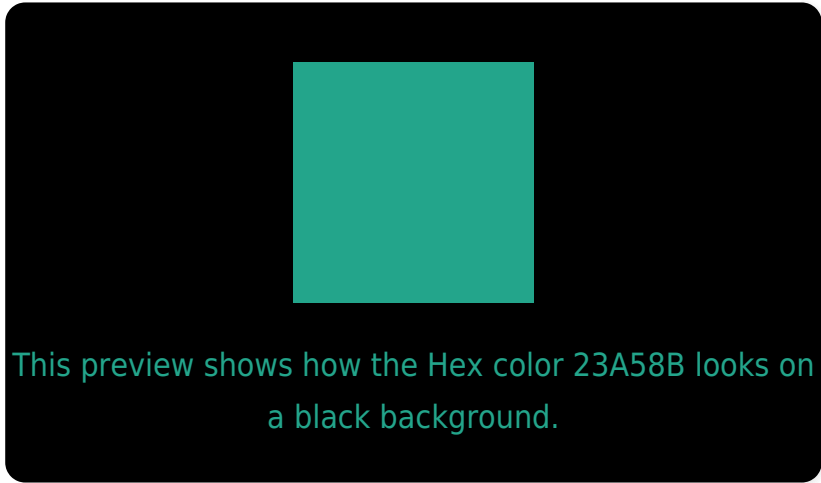
Large Text (above 18pt) WCAG AA ✓ Pass

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

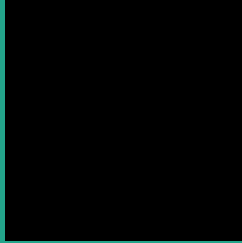
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 23A58B Background



This preview shows how black text looks on a background with the Hex color 23A58B.

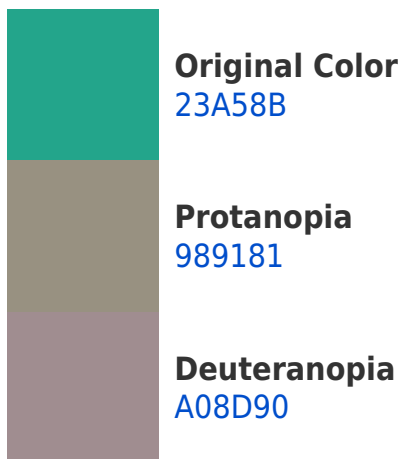


This preview shows how white text looks on a background with the Hex color 23A58B.

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



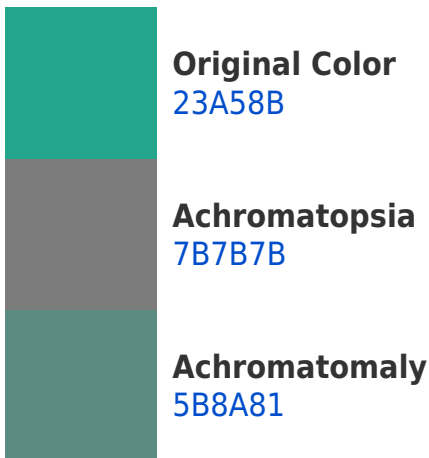


Tritanopia
39A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 23A58B 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 #23A58B looks like.

```
.text, #text, p{  
    color:#23A58B  
}
```

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 #23A58B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A58B
}
```

Border

The CSS property to change the border of an element to Hex 23A58B 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
#23A58B }
```

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

```
.border{ border-color:#23A58B }
```

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

Here you see how a box with a 4 pixel #23A58B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A58B; -webkit-box-shadow:4px 4px  
4px 4px #23A58B; box-shadow:4px 4px 4px  
4px #23A58B }
```

Background

The CSS property to change the background color of an element to Hex 23A58B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A58B }
```

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

```
.background{ background-color:#23A58B }
```

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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