

Converting Colors

Hex(23A388)

Have a look what the booklet for
Hex(23A388) contains.

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Color

Hex(23A388)

Conversions

Conversions Part 1

Format	Color
Hex	23A388
RGB	35, 163, 136
RGB Percent	14%, 64%, 53%
CMY	0.8627, 0.3608, 0.4667
CMYK	0.79, 0.00, 0.17, 0.36
HSL	167°, 65%, 39%
HSV	167°, 79%, 64%
XYZ	18.2343, 28.3293, 27.7996
YIQ	121.6500, -67.6210, -35.5330

Conversions

Conversions Part 2

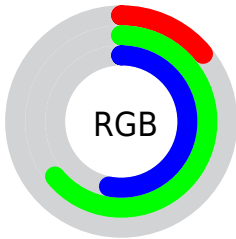
Format	Color
RYB	35, 107, 163
Decimal	2335624
CIELab	60.19, -40.01, 4.47
CIELCh	60, 40.261, 173.619
Yxy	28.3293, 0.2452, 0.3810
Android (android.graphics.Color)	4280525704 (0xFF23A388)
YUV	121.6500, 7.0745, -75.9921
Hunter-Lab	53.2253, -31.9925, 6.2905

Details

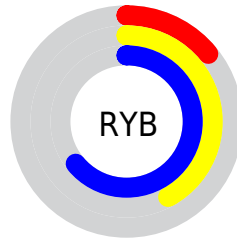
The Hex color **23A388** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A3233E**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **66DBBD**, and **006E56** is the 20% darker color. If you saturate the color by 10%, you get **13A385**, and if you desaturate by 10%, it is **33A38B**.

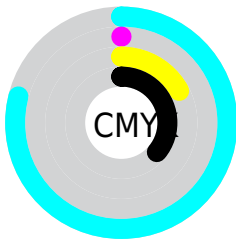
Distribution



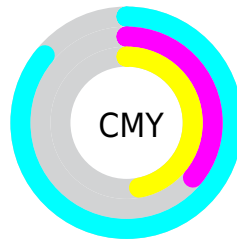
- Red (14%)
- Green (64%)
- Blue (53%)



- Red (14%)
- Yellow (42%)
- Blue (64%)



- Cyan (79%)
- Magenta (0%)
- Yellow (17%)
- Black (36%)



- Cyan (86%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23A388 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 23A388 by changing the saturation by 10% instead.



23A388



23A388

FFFFFF



00886F



66DBBD



006E56



84F7D9



00553F



A1FFF5



003D29



BEFFFF



002815



DCFFFF



000100



FAFFFF



000000



23A388



23A388



13A385



33A38B

■ 02A381

■ 44A38F

■ 00A381

■ 54A392

■ 64A396

■ 74A399

■ 85A39D

■ 95A3A0

■ A5A3A4

■ B6A3A7

Harmonies

Analogous

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



619F66



23A388



00A3AC

Triad

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



23A388



898BD2



C88059

Complementary

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



23A388



A3233E

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.



D47677



23A388



B67DBC

Square

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



23A388



4697D7



CF759A



AE8C49

Rectangle

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



23A388



00A1C1



CF759A



CE7C62

Sweetspot

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



23A388



A1D4C9



3FA323



4C6B65



EBEBEB



6B6B6B

Same Dimension

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



23A388



0DD4AA



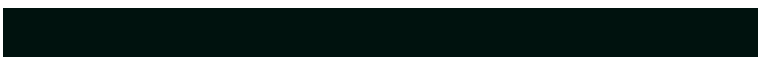
237FA3



495250



009173



00120E

Inverse Universe

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



A3233E



D40D37



A34723



52494B



91001F



120004

Previews

White Background



This preview shows how the Hex color 23A388 looks on a white background.

Color Contrast Check

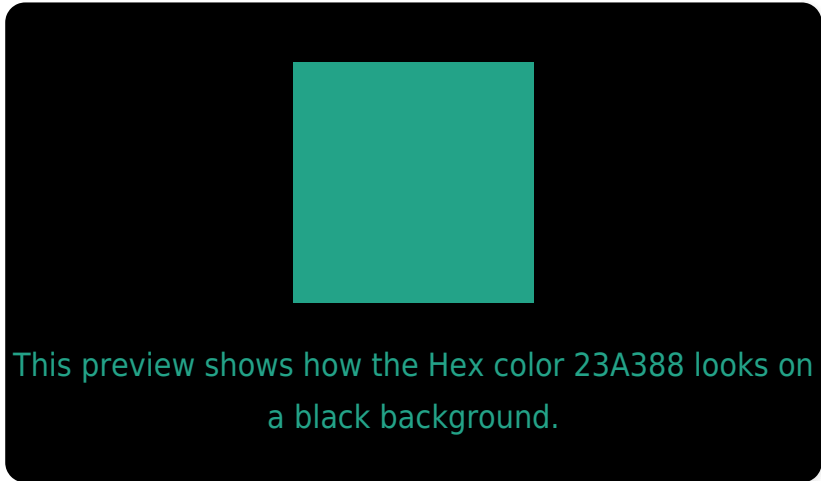
Large Text (above 18pt) WCAG AA ✓ Pass

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

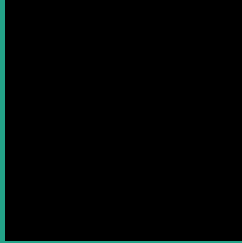
Any Text WCAG AA ✓ Pass

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 23A388 Background



This preview shows how black text looks on a background with the Hex color 23A388.

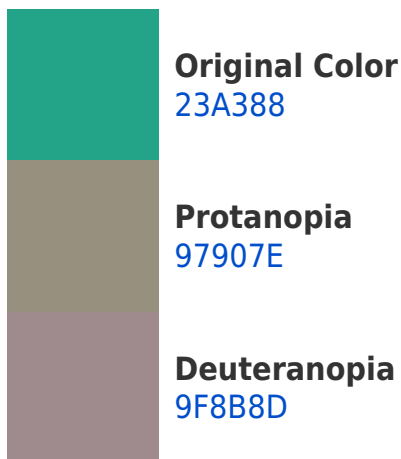


This preview shows how white text looks on a background with the Hex color 23A388.

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
399EAB

Trichromacy



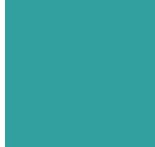
Original Color
23A388



Protanomaly
6D9782



Deuteranomaly
72948B



Tritanomaly
31A09E

Monochromacy



Original Color
23A388



Achromatopsia
7A7A7A



Achromatomaly
5A897F

CSS Examples

Text

The CSS property to change the color of the text to Hex 23A388 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 #23A388 looks like.

```
.text, #text, p{  
    color:#23A388  
}
```

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 #23A388 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23A388
}
```

Border

The CSS property to change the border of an element to Hex 23A388 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
#23A388 }
```

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

```
.border{ border-color:#23A388 }
```

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

Here you see how a box with a 4 pixel #23A388 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23A388; -webkit-box-shadow:4px 4px  
4px 4px #23A388; box-shadow:4px 4px 4px  
4px #23A388 }
```

Background

The CSS property to change the background color of an element to Hex 23A388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23A388 }
```

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

```
.background{ background-color:#23A388 }
```

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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