

Converting Colors

Hex(44ADA8)

Have a look what the booklet for
Hex(44ADA8) contains.

Hex(44ADA8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(44ADA8)

Conversions

Conversions Part 1

Format	Color
Hex	44ADA8
RGB	68, 173, 168
RGB Percent	27%, 68%, 66%
CMY	0.7333, 0.3216, 0.3412
CMYK	0.61, 0.00, 0.03, 0.32
HSL	177°, 44%, 47%
HSV	177°, 61%, 68%
XYZ	24.3953, 33.9432, 42.3117
YIQ	141.0350, -60.9750, -23.8150

Conversions

Conversions Part 2

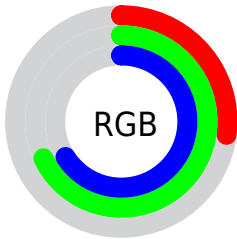
Format	Color
RYB	68, 122, 173
Decimal	4500904
CIELab	64.92, -31.03, -6.43
CIELCh	65, 31.687, 191.716
Yxy	33.9432, 0.2424, 0.3372
Android (android.graphics.Color)	4282690984 (0xFF44ADA8)
YUV	141.0350, 13.2937, -64.0517
Hunter-Lab	58.2608, -27.2138, -2.2766

Details

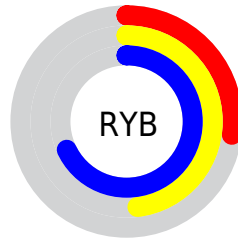
The Hex color **44ADA8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD4449**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7FE5DF**, and **007874** is the 20% darker color. If you saturate the color by 10%, you get **33ADA7**, and if you desaturate by 10%, it is **55ADA9**.

Distribution



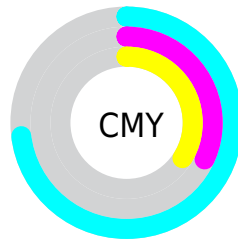
- Red (27%)
- Green (68%)
- Blue (66%)



- Red (27%)
- Yellow (48%)
- Blue (68%)



- Cyan (61%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (73%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44ADA8 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 44ADA8 by changing the saturation by 10% instead.

 44ADA8

 44ADA8

FFFFFF

 20928E

 7FE5DF

 007874

 9CFFFC

 005F5C

 B9FFFF

 004744

 D7FFFF

 002F2E

 F5FFFF

 001B19

 000000

 44ADA8

 44ADA8

 33ADA7

 55ADA9

■ 21ADA6

■ 67ADAA

■ 10ADA6

■ 78ADAA

■ 00ADA5

■ 89ADAB

■ 9BADAC

■ ACADAD

■ BDADAE

■ CEADAF

■ E0ADAF

Harmonies

Analogous

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



64AC8B



44ADA8



3BABC2

Triad

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



44ADA8



AF92C8



C09668

Complementary

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



44ADA8



AD4449

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.



D18D79



44ADA8



CA8AB0

Square

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



44ADA8



889CD5



D58893



A69F65

Rectangle

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



44ADA8



4EA8CF



D58893



C7936C

Sweetspot

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



44ADA8



B8E0DE



49AD44



58706F



F0F0F0



707070

Same Dimension

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



44ADA8



3DE0D9



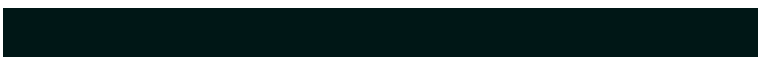
447EAD



4E5756



00968F



001716

Inverse Universe

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



AD4449



E03D44



AD7344



574E4E



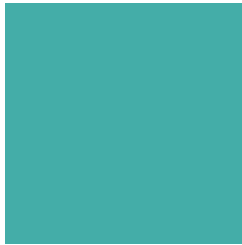
960007



170001

Previews

White Background



This preview shows how the Hex color 44ADA8 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



This preview shows how the Hex color 44ADA8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

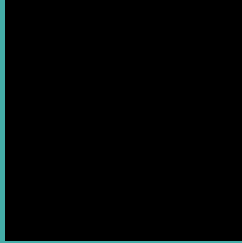
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

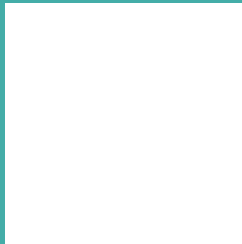
Any Text WCAG AAA ✓ Pass

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

Hex 44ADA8 Background



This preview shows how black text looks on a background with the Hex color 44ADA8.

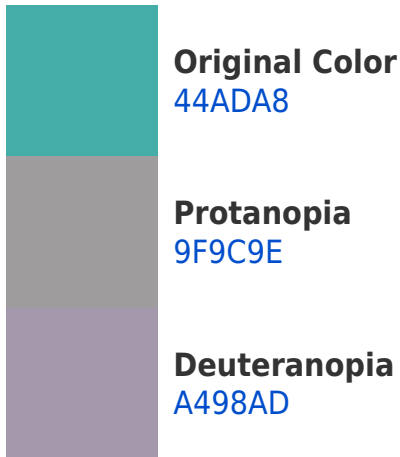


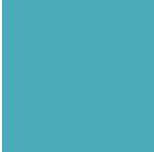
This preview shows how white text looks on a background with the Hex color 44ADA8.

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](#).

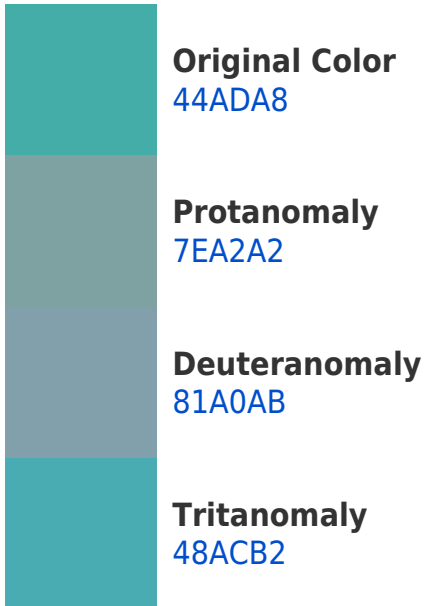
Dichromacy



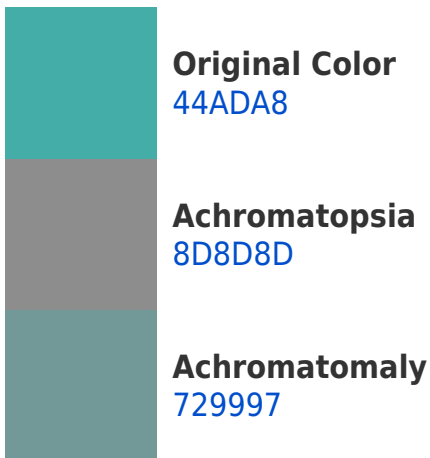


Tritanopia
4BABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44ADA8 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 #44ADA8 looks like.

```
.text, #text, p{  
    color:#44ADA8  
}
```

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 #44ADA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44ADA8
}
```

Border

The CSS property to change the border of an element to Hex 44ADA8 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
#44ADA8 }
```

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

```
.border{ border-color:#44ADA8 }
```

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

Here you see how a box with a 4 pixel #44ADA8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44ADA8; -webkit-box-shadow:4px 4px  
4px 4px #44ADA8; box-shadow:4px 4px 4px  
4px #44ADA8 }
```

Background

The CSS property to change the background color of an element to Hex 44ADA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44ADA8 }
```

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

```
.background{ background-color:#44ADA8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor