

Converting Colors

Hex(43A6AA)

Have a look what the booklet for
Hex(43A6AA) contains.

Hex(43A6AA)	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(43A6AA)

Conversions

Conversions Part 1

Format	Color
Hex	43A6AA
RGB	67, 166, 170
RGB Percent	26%, 65%, 67%
CMY	0.7373, 0.3490, 0.3333
CMYK	0.61, 0.02, 0.00, 0.33
HSL	182°, 43%, 46%
HSV	182°, 61%, 67%
XYZ	23.2067, 31.3680, 42.8617
YIQ	136.8550, -60.2880, -19.7440

Conversions

Conversions Part 2

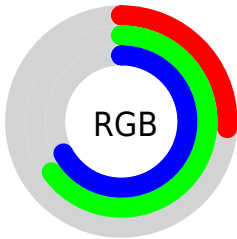
Format	Color
RYB	67, 117, 170
Decimal	4433578
CIELab	62.82, -27.22, -10.69
CIELCh	63, 29.243, 201.433
Yxy	31.3680, 0.2382, 0.3219
Android (android.graphics.Color)	4282623658 (0xFF43A6AA)
YUV	136.8550, 16.3405, -61.2628
Hunter-Lab	56.0071, -24.0507, -6.1691

Details

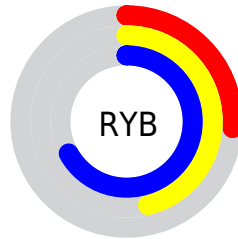
The Hex color **43A6AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA4743**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7EDDE1**, and **007276** is the 20% darker color. If you saturate the color by 10%, you get **32A5AA**, and if you desaturate by 10%, it is **54A7AA**.

Distribution



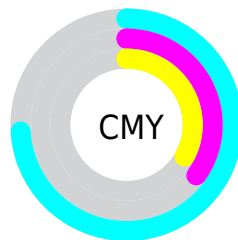
- Red (26%)
- Green (65%)
- Blue (67%)



- Red (26%)
- Yellow (46%)
- Blue (67%)



- Cyan (61%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)



- Cyan (74%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 43A6AA 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 43A6AA by changing the saturation by 10% instead.

 43A6AA

 43A6AA

FFFFFF

 1F8B90

 7EDDE1

 007276

 9BFAFE

 00595D

 B8FFFF

 004146

 D5FFFF

 002A2F

 F3FFFF

 00131B

 000000

 43A6AA

 43A6AA

 32A5AA

 54A7AA

■ 21A5AA

■ 65A7AA

■ 10A4AA

■ 76A8AA

■ 00A3AA

■ 87A9AA

■ 98A9AA

■ A9AAAA

■ BAABAA

■ CBABAA

■ DCACAA

Harmonies

Analogous

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



5AA68F



43A6AA



48A3C0

Triad

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



43A6AA



B28BB9



B19465

Complementary

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



43A6AA



AA4743

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.



C48B70



43A6AA



C685A1

Square

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



43A6AA



9194C8



CC8586



979C67

Rectangle

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



43A6AA



5D9FC9



CC8586



B89167

Sweetspot

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



43A6AA



B6DCDE



43AA46



586F70



F0F0F0



707070

Same Dimension

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



43A6AA



3CD8DE



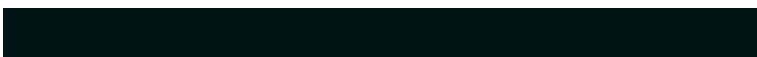
4373AA



4C5454



008E94



001414

Inverse Universe

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



AA43A6



DE3CD8



AA7A43



544C54



94008E



140014

Previews

White Background



This preview shows how the Hex color 43A6AA looks on a white background.

Color Contrast Check

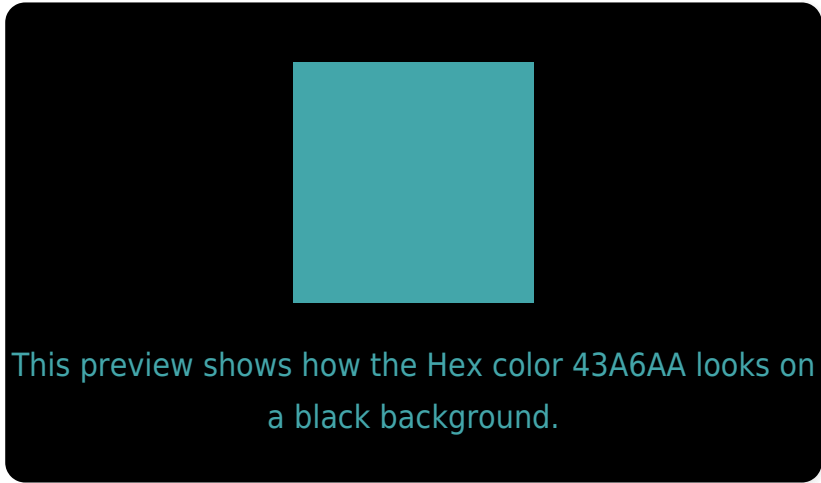
Large Text (above 18pt) WCAG AA × Fail

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

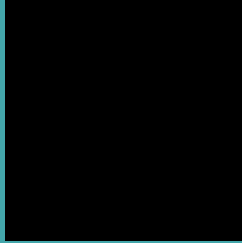
Any Text WCAG AA ✓ Pass

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 43A6AA Background



This preview shows how black text looks on a background with the Hex color 43A6AA.

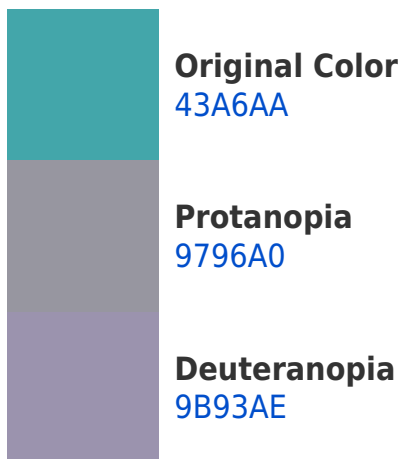


This preview shows how white text looks on a background with the Hex color 43A6AA.

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
47A5B2

Trichromacy



Original Color
43A6AA



Protanomaly
789CA4



Deuteranomaly
7B9AAD



Tritanomaly
46A5AF

Monochromacy



Original Color
43A6AA



Achromatopsia
898989



Achromatomaly
709495

CSS Examples

Text

The CSS property to change the color of the text to Hex 43A6AA 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 #43A6AA looks like.

```
.text, #text, p{  
    color:#43A6AA  
}
```

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 #43A6AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #43A6AA
}
```

Border

The CSS property to change the border of an element to Hex 43A6AA 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
#43A6AA }
```

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

```
.border{ border-color:#43A6AA }
```

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

Here you see how a box with a 4 pixel #43A6AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #43A6AA; -webkit-box-shadow:4px 4px  
4px 4px #43A6AA; box-shadow:4px 4px 4px  
4px #43A6AA }
```

Background

The CSS property to change the background color of an element to Hex 43A6AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#43A6AA }
```

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

```
.background{ background-color:#43A6AA }
```

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