

Converting Colors

Hex(4AE9DA)

Have a look what the booklet for
Hex(4AE9DA) contains.

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Color

Hex(4AE9DA)

Conversions

Conversions Part 1

Format	Color
Hex	4AE9DA
RGB	74, 233, 218
RGB Percent	29%, 91%, 85%
CMY	0.7098, 0.0863, 0.1451
CMYK	0.68, 0.00, 0.06, 0.09
HSL	174°, 78%, 60%
HSV	174°, 68%, 91%
XYZ	44.6178, 64.7956, 76.4849
YIQ	183.7490, -89.9490, -38.3730

Conversions

Conversions Part 2

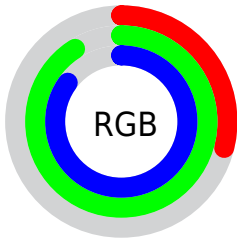
Format	Color
RYB	74, 157, 233
Decimal	4909530
CIELab	84.38, -44.07, -4.72
CIELCh	84, 44.326, 186.115
Yxy	64.7956, 0.2400, 0.3486
Android (android.graphics.Color)	4283099610 (0xFF4AE9DA)
YUV	183.7490, 16.8857, -96.2499
Hunter-Lab	80.4957, -41.9271, 0.0113

Details

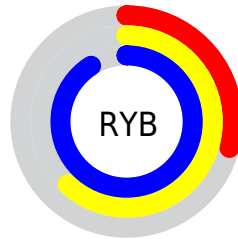
The Hex color **4AE9DA** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light muted cyan. A complement of this color would be **E9A59**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **8EFFFF**, and **00B1A3** is the 20% darker color. If you saturate the color by 10%, you get **33E9D8**, and if you desaturate by 10%, it is **61E9DC**.

Distribution



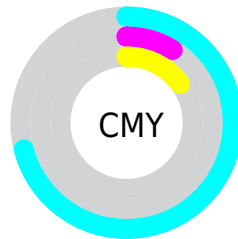
- Red (29%)
- Green (91%)
- Blue (85%)



- Red (29%)
- Yellow (62%)
- Blue (91%)



- Cyan (68%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (71%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4AE9DA 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 4AE9DA by changing the saturation by 10% instead.

 4AE9DA

 4AE9DA

FFFFFF

 17CCBE

 8EFFFF

 00B1A3

 ADFFFF

 009589

 CCFFFF

 007B70

 ECFFFF

 006157

 004840

 00312A

 001916

 000000

 4AE9DA

 4AE9DA

 33E9D8

 61E9DC

 1BE9D6

 79E9DE

 04E9D3

 90E9E1

 00E9D3

 A7E9E3

 BFE9E5

 D6E9E7

 EDE9E9

 FFE9EC

 FFE9EE

Harmonies

Analogous

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



86E6AF



4AE9DA



15E7FF

Triad

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



4AE9DA



E3C5FF



FFC487

Complementary

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



4AE9DA



E94A59

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.



FFB7A3



4AE9DA



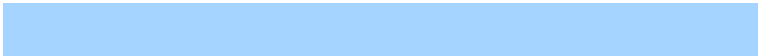
FFB7F5

Square

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



4AE9DA



A4D4FF



FFB2CB



E6D37E

Rectangle

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



4AE9DA



3FE3FF



FFB2CB



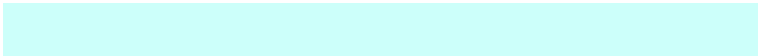
FFC08E

Sweetspot

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



4AE9DA



CCFFFA



5AE94A



61807D



000000



808080

Same Dimension

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



4AE9DA



2EFFEB



4AA9E9



6A7574



00B5A4



003630

Inverse Universe

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



E94A59



FF2E42



E98A4A



756A6B



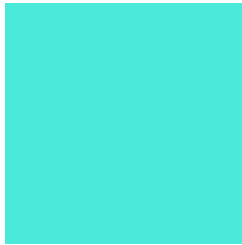
B50011



360005

Previews

White Background



This preview shows how the Hex color 4AE9DA looks on a white background.

Color Contrast Check

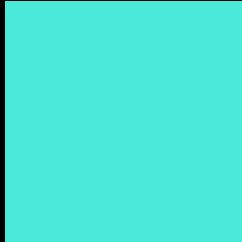
Large Text (above 18pt) WCAG AA × Fail

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 4AE9DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

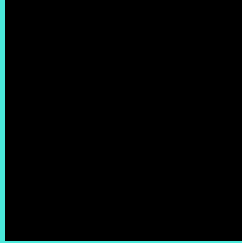
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

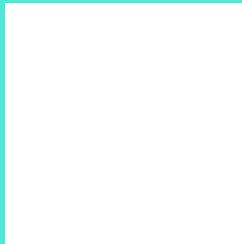
Any Text WCAG AAA ✓ Pass

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

Hex 4AE9DA Background



This preview shows how black text looks on a background with the Hex color 4AE9DA.

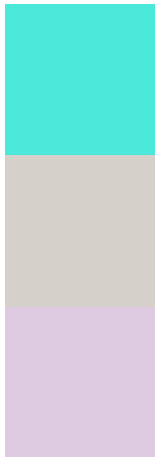


This preview shows how white text looks on a background with the Hex color 4AE9DA.

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](#).

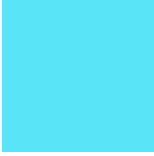
Dichromacy



Original Color
4AE9DA

Protanopia
D6D0CB

Deuteranopia
DECBE1

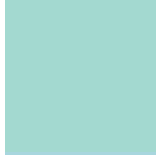


Tritanopia
59E5F7

Trichromacy



Original Color
4AE9DA



Protanomaly
A3D9D0



Deuteranomaly
A8D6DE

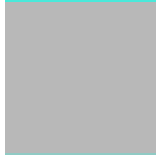


Tritanomaly
54E6EC

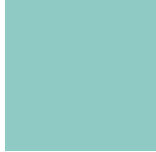
Monochromacy



Original Color
4AE9DA



Achromatopsia
B8B8B8



Achromatomaly
90CAC4

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AE9DA 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 #4AE9DA looks like.

```
.text, #text, p{  
    color:#4AE9DA  
}
```

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 #4AE9DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AE9DA  
}
```

Border

The CSS property to change the border of an element to Hex 4AE9DA 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  
#4AE9DA }
```

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

```
.border{ border-color:#4AE9DA }
```

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

Here you see how a box with a 4 pixel #4AE9DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AE9DA; -webkit-box-shadow:4px 4px  
4px 4px #4AE9DA; box-shadow:4px 4px 4px  
4px #4AE9DA }
```

Background

The CSS property to change the background color of an element to Hex 4AE9DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AE9DA }
```

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

```
.background{ background-color:#4AE9DA }
```

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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