

Converting Colors

Hex(45A9AB)

Have a look what the booklet for
Hex(45A9AB) contains.

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Color

Hex(45A9AB)

Conversions

Conversions Part 1

Format	Color
Hex	45A9AB
RGB	69, 169, 171
RGB Percent	27%, 66%, 67%
CMY	0.7294, 0.3373, 0.3294
CMYK	0.60, 0.01, 0.00, 0.33
HSL	181°, 42%, 47%
HSV	181°, 60%, 67%
XYZ	23.9929, 32.5814, 43.5524
YIQ	139.3280, -60.2420, -20.5780

Conversions

Conversions Part 2

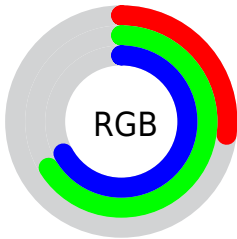
Format	Color
RYB	69, 119, 171
Decimal	4565419
CIELab	63.82, -28.06, -9.74
CIElCh	64, 29.698, 199.143
Yxy	32.5814, 0.2396, 0.3254
Android (android.graphics.Color)	4282755499 (0xFF45A9AB)
YUV	139.3280, 15.6143, -61.6777
Hunter-Lab	57.0801, -24.8601, -5.2824

Details

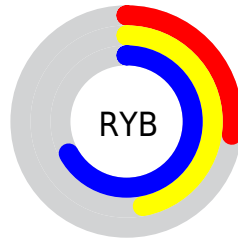
The Hex color **45A9AB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB4745**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **80E1E2**, and **007477** is the 20% darker color. If you saturate the color by 10%, you get **34A9AB**, and if you desaturate by 10%, it is **56A9AB**.

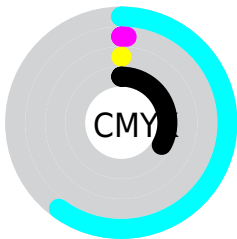
Distribution



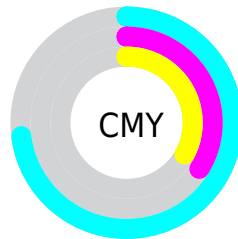
- Red (27%)
- Green (66%)
- Blue (67%)



- Red (27%)
- Yellow (47%)
- Blue (67%)



- Cyan (60%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (73%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A9AB 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 45A9AB by changing the saturation by 10% instead.

 45A9AB

 45A9AB

FFFFFF

 228E91

 80E1E2

 007477

 9DFDFF

 005B5E

 BAFFFF

 004347

 D7FFFF

 002C30

 F5FFFF

 00171C

 000000

 45A9AB

 45A9AB

 34A9AB

 56A9AB

■ 23A8AB

■ 67AAAB

■ 12A8AB

■ 78AAAB

■ 01A8AB

■ 89AAAB

■ 00A8AB

■ 9AABAB

■ ACABAB

■ BDABAB

■ CEACAB

■ DFACAB

Harmonies

Analogous

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



5EA890



45A9AB



47A6C2

Triad

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



45A9AB



B38EBD



B69667

Complementary

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



45A9AB



AB4745

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.



C88D74



45A9AB



C888A5

Square

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



45A9AB



9197CC



CF878B



9C9E68

Rectangle

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



45A9AB



5CA2CB



CF878B



BD936A

Sweetspot

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



45A9AB



B6DDDE



45AB47



587070



F0F0F0



707070

Same Dimension

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



45A9AB



3EDBDE



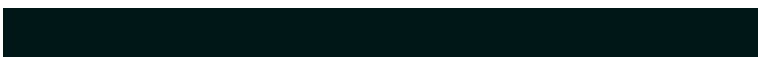
4576AB



4E5757



009496



001717

Inverse Universe

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



AB45A9



DE3EDB



AB7A45



574E57



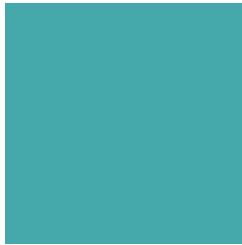
960094



170017

Previews

White Background



This preview shows how the Hex color 45A9AB looks on a white background.

Color Contrast Check

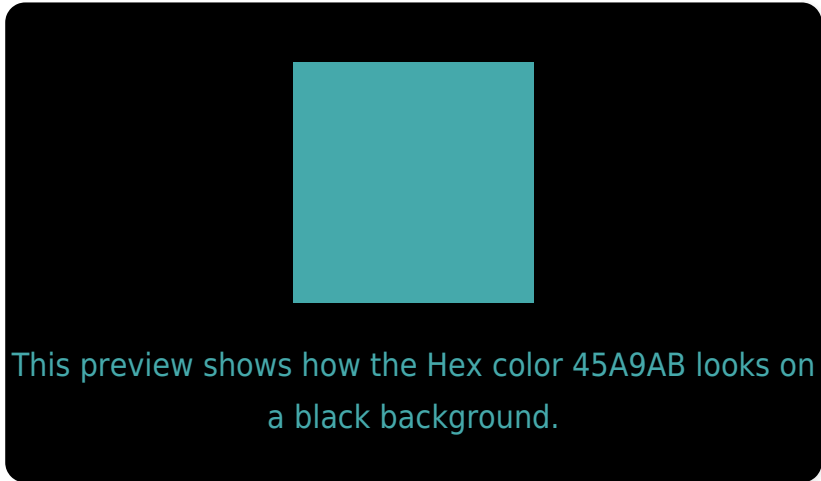
Large Text (above 18pt) WCAG AA × Fail

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 45A9AB Background



This preview shows how black text looks on a background with the Hex color 45A9AB.

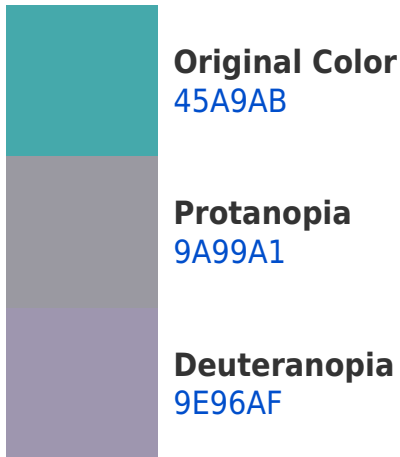


This preview shows how white text looks on a background with the Hex color 45A9AB.

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](#).

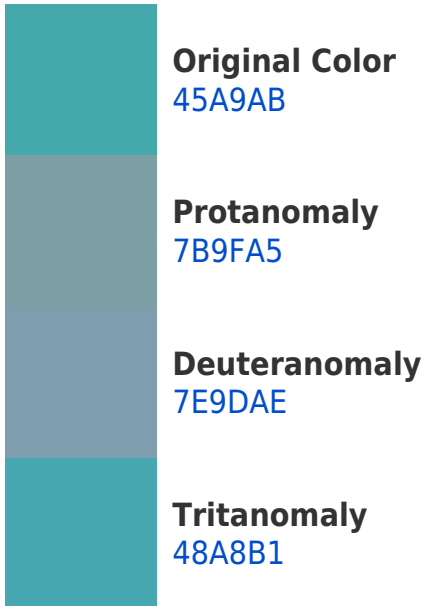
Dichromacy



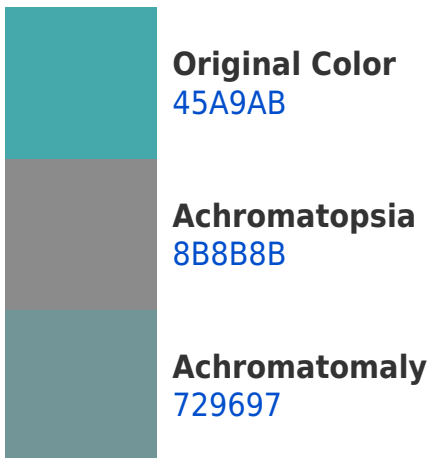


Tritanopia
49A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 45A9AB 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 #45A9AB looks like.

```
.text, #text, p{  
    color:#45A9AB  
}
```

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 #45A9AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A9AB
}
```

Border

The CSS property to change the border of an element to Hex 45A9AB 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
#45A9AB }
```

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

```
.border{ border-color:#45A9AB }
```

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

Here you see how a box with a 4 pixel #45A9AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A9AB; -webkit-box-shadow:4px 4px  
4px 4px #45A9AB; box-shadow:4px 4px 4px  
4px #45A9AB }
```

Background

The CSS property to change the background color of an element to Hex 45A9AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A9AB }
```

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

```
.background{ background-color:#45A9AB }
```

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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