

Converting Colors

Hex(45A49E)

Have a look what the booklet for
Hex(45A49E) contains.

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Color

Hex(45A49E)

Conversions

Conversions Part 1

Format	Color
Hex	45A49E
RGB	69, 164, 158
RGB Percent	27%, 64%, 62%
CMY	0.7294, 0.3569, 0.3804
CMYK	0.58, 0.00, 0.04, 0.36
HSL	176°, 41%, 46%
HSV	176°, 58%, 64%
XYZ	21.9013, 30.2847, 37.0390
YIQ	134.9110, -54.6940, -22.0060

Conversions

Conversions Part 2

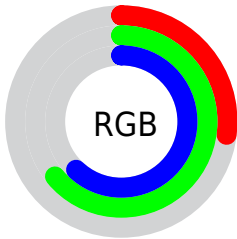
Format	Color
RYB	69, 118, 164
Decimal	4564126
CIELab	61.90, -29.24, -5.31
CIElCh	62, 29.714, 190.285
Yxy	30.2847, 0.2455, 0.3394
Android (android.graphics.Color)	4282754206 (0xFF45A49E)
YUV	134.9110, 11.3829, -57.8039
Hunter-Lab	55.0316, -25.2665, -1.3830

Details

The Hex color **45A49E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A4454B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7FDBD5**, and **00706B** is the 20% darker color. If you saturate the color by 10%, you get **35A49D**, and if you desaturate by 10%, it is **55A49F**.

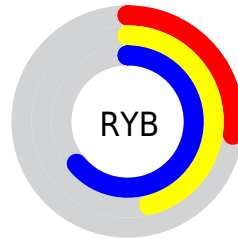
Distribution



Red (27%)

Green (64%)

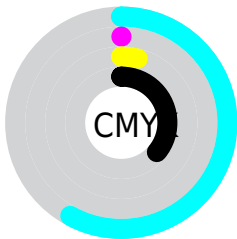
Blue (62%)



Red (27%)

Yellow (46%)

Blue (64%)

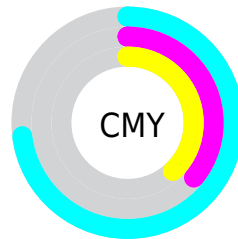


Cyan (58%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (73%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45A49E 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 45A49E by changing the saturation by 10% instead.



45A49E



45A49E

FFFFFF



248984



7FDBD5



00706B



9BF8F1



005753



B8FFFF



003F3C



D5FFFF



002926



F2FFFF



000D12



000000



45A49E



45A49E



35A49D



55A49F

■ 24A49C

■ 66A4A0

■ 14A49B

■ 76A4A1

■ 03A49A

■ 87A4A2

■ 00A49A

■ 97A4A3

■ A7A4A4

■ B8A4A5

■ C8A4A6

■ D9A4A7

Harmonies

Analogous

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



62A383



45A49E



3CA2B7

Triad

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



45A49E



A58CBE



B78E64

Complementary

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



45A49E



A4454B

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.



C68675



45A49E



BE84A8

Square

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



45A49E



8095C9



C9828D



9F9761

Rectangle

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



45A49E



4B9FC3



C9828D



BD8B69

Sweetspot

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



45A49E



B2D6D4



4BA445



566B6A



EBEBEB



6B6B6B

Same Dimension

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



45A49E



40D6CD



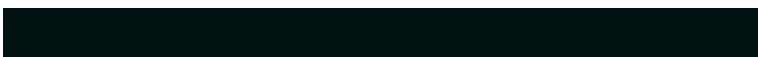
457BA4



495251



009188



001211

Inverse Universe

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



A4454B



D6404A



A46E45



52494A



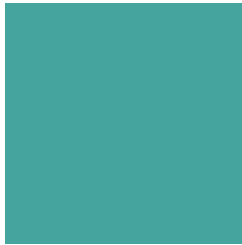
910009



120001

Previews

White Background



This preview shows how the Hex color 45A49E looks on a white background.

Color Contrast Check

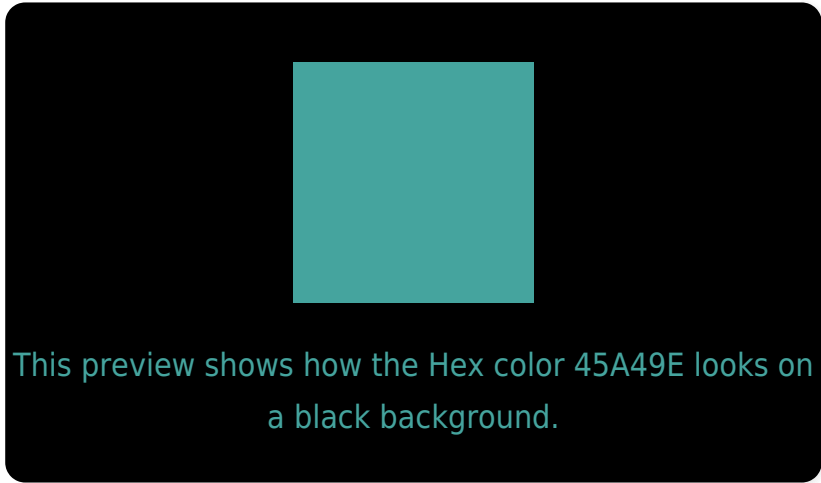
Large Text (above 18pt) WCAG AA × Fail

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

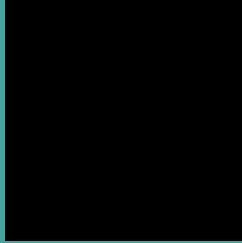
Any Text WCAG AA ✓ Pass

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 45A49E Background



This preview shows how black text looks on a background with the Hex color 45A49E.

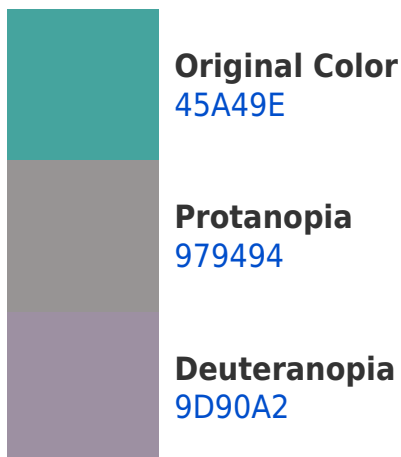


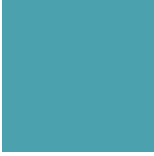
This preview shows how white text looks on a background with the Hex color 45A49E.

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
4CA1AF

Trichromacy



Original Color
45A49E



Protanomaly
799A98



Deuteranomaly
7D97A1



Tritanomaly
49A2A9

Monochromacy



Original Color
45A49E



Achromatopsia
878787



Achromatomaly
6F928F

CSS Examples

Text

The CSS property to change the color of the text to Hex 45A49E 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 #45A49E looks like.

```
.text, #text, p{  
    color:#45A49E  
}
```

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 #45A49E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45A49E
}
```

Border

The CSS property to change the border of an element to Hex 45A49E 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
#45A49E }
```

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

```
.border{ border-color:#45A49E }
```

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

Here you see how a box with a 4 pixel #45A49E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45A49E; -webkit-box-shadow:4px 4px  
4px 4px #45A49E; box-shadow:4px 4px 4px  
4px #45A49E }
```

Background

The CSS property to change the background color of an element to Hex 45A49E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45A49E }
```

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

```
.background{ background-color:#45A49E }
```

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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