

Converting Colors

Hex(48BA9D)

Have a look what the booklet for
Hex(48BA9D) contains.

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Color

Hex(48BA9D)

Conversions

Conversions Part 1

Format	Color
Hex	48BA9D
RGB	72, 186, 157
RGB Percent	28%, 73%, 62%
CMY	0.7176, 0.2706, 0.3843
CMYK	0.61, 0.00, 0.16, 0.27
HSL	165°, 45%, 51%
HSV	165°, 61%, 73%
XYZ	26.3172, 38.9298, 38.0254
YIQ	148.6080, -58.6350, -33.1870

Conversions

Conversions Part 2

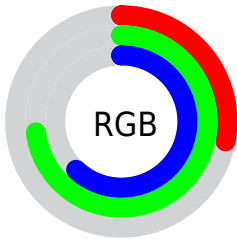
Format	Color
RYB	72, 137, 186
Decimal	4766365
CIELab	68.70, -39.20, 5.19
CIElCh	69, 39.541, 172.454
Yxy	38.9298, 0.2548, 0.3770
Android (android.graphics.Color)	4282956445 (0xFF48BA9D)
YUV	148.6080, 4.1373, -67.1852
Hunter-Lab	62.3938, -33.8993, 7.5418

Details

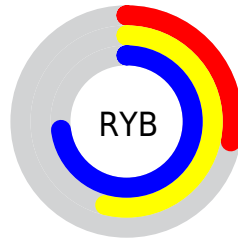
The Hex color **48BA9D** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA4865**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **83F3D4**, and **00846A** is the 20% darker color. If you saturate the color by 10%, you get **35BA98**, and if you desaturate by 10%, it is **5BBAA2**.

Distribution



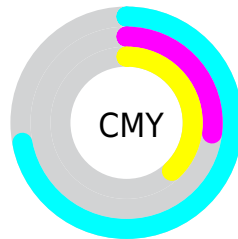
- Red (28%)
- Green (73%)
- Blue (62%)



- Red (28%)
- Yellow (54%)
- Blue (73%)



- Cyan (61%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (72%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48BA9D 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 48BA9D by changing the saturation by 10% instead.

 48BA9D

 48BA9D

FFFFFF

 259F83

 83F3D4

 00846A

 A0FFF0

 006A52

 BEFFFF

 00513B

 DBFFFF

 003925

 F9FFFF

 002510

 000000

 48BA9D

 48BA9D

 35BA98

 5BBAA2

■ 23BA94

■ 6DBAA6

■ 10BA8F

■ 80BAAB

■ 00BA8B

■ 92BAB0

■ A5BAB5

■ B8BAB9

■ CABABE

■ DDBAC3

■ EFBAC8

Harmonies

Analogous

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



7AB67B



48BA9D



00BAC2

Triad

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



48BA9D



9EA2EA



E19670

Complementary

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



48BA9D



BA4865

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.



ED8D8E



48BA9D



CC95D4

Square

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



48BA9D



61AEEE



E68CB2



C7A260

Rectangle

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



48BA9D



00B8D7



E68CB2



E79279

Sweetspot

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



48BA9D



C7F2E7



66BA48



5F7A74



FAFAFA



7A7A7A

Same Dimension

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



48BA9D



3FF2C5



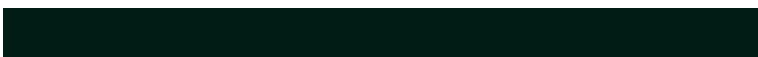
489FBA



535C59



009C74



001C15

Inverse Universe

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



BA4865



F23F6D



BA6348



5C5355



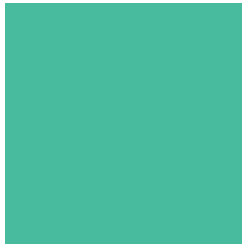
9C0028



1C0007

Previews

White Background



This preview shows how the Hex color 48BA9D 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 48BA9D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

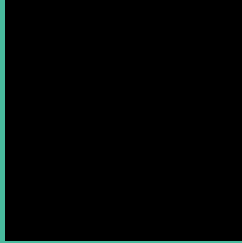
Any Text WCAG AA ✓ Pass

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 48BA9D Background



This preview shows how black text looks on a background with the Hex color 48BA9D.

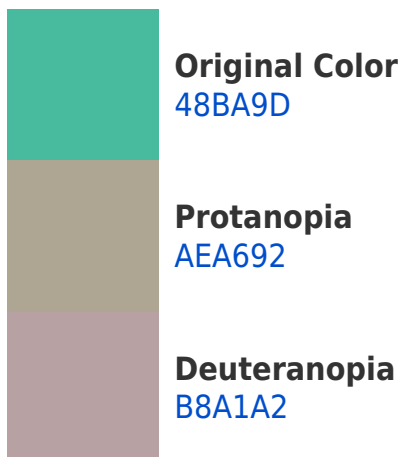


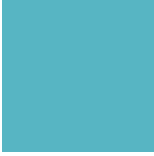
This preview shows how white text looks on a background with the Hex color 48BA9D.

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](#).

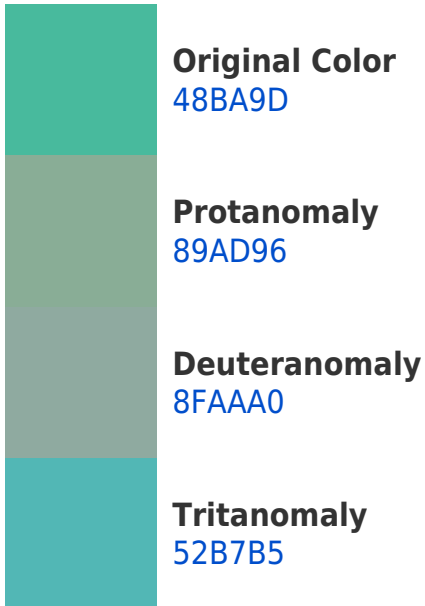
Dichromacy





Tritanopia
57B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 48BA9D 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 #48BA9D looks like.

```
.text, #text, p{  
    color:#48BA9D  
}
```

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 #48BA9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BA9D
}
```

Border

The CSS property to change the border of an element to Hex 48BA9D 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
#48BA9D }
```

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

```
.border{ border-color:#48BA9D }
```

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

Here you see how a box with a 4 pixel #48BA9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BA9D; -webkit-box-shadow:4px 4px  
4px 4px #48BA9D; box-shadow:4px 4px 4px  
4px #48BA9D }
```

Background

The CSS property to change the background color of an element to Hex 48BA9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BA9D }
```

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

```
.background{ background-color:#48BA9D }
```

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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