

Converting Colors

Hex(44BC9F)

Have a look what the booklet for
Hex(44BC9F) contains.

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Color

Hex(44BC9F)

Conversions

Conversions Part 1

Format	Color
Hex	44BC9F
RGB	68, 188, 159
RGB Percent	27%, 74%, 62%
CMY	0.7333, 0.2627, 0.3765
CMYK	0.64, 0.00, 0.15, 0.26
HSL	166°, 47%, 50%
HSV	166°, 64%, 74%
XYZ	26.6251, 39.6986, 39.0602
YIQ	148.8140, -62.2110, -34.4590

Conversions

Conversions Part 2

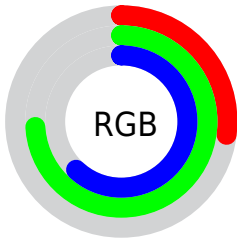
Format	Color
RYB	68, 136, 188
Decimal	4504735
CIELab	69.25, -40.32, 4.88
CIElCh	69, 40.614, 173.097
Yxy	39.6986, 0.2526, 0.3767
Android (android.graphics.Color)	4282694815 (0xFF44BC9F)
YUV	148.8140, 5.0217, -70.8739
Hunter-Lab	63.0068, -34.8322, 7.3488

Details

The Hex color **44BC9F** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC4461**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **81F5D6**, and **00866C** is the 20% darker color. If you saturate the color by 10%, you get **31BC9A**, and if you desaturate by 10%, it is **57BCA4**.

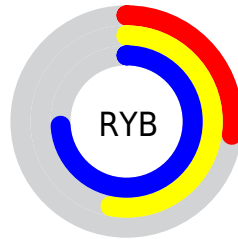
Distribution



Red (27%)

Green (74%)

Blue (62%)



Red (27%)

Yellow (53%)

Blue (74%)

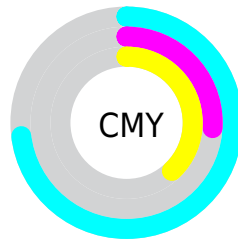


Cyan (64%)

Magenta (0%)

Yellow (15%)

Black (26%)



Cyan (73%)

Magenta (26%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BC9F 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 44BC9F by changing the saturation by 10% instead.

 44BC9F

 44BC9F

FFFFFF

 1EA185

 81F5D6

 00866C

 9EFFF2

 006C53

 BBFFFF

 00533C

 D9FFFF

 003B27

 F7FFFF

 002612

 000000

 44BC9F

 44BC9F

 31BC9A

 57BCA4

 1EBC96

 6ABCA8

 0CBC91

 7CBCAD

 00BC8F

 8FBCB1

 A2BCB6

 B5BCBA

 C8BCBF

 DABCC3

 EDBCC8

Harmonies

Analogous

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



79B87C



44BC9F



00BCC5

Triad

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



44BC9F



A0A3ED



E39770

Complementary

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



44BC9F



BC4461

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.



F08E8E



44BC9F



CF95D6

Square

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



44BC9F



61AFF2



EA8DB3



C8A45F

Rectangle

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



44BC9F



00BADA



EA8DB3



E99378

Sweetspot

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



44BC9F



C6F5EA



62BC44



5E7A74



FAFAFA



7A7A7A

Same Dimension

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



44BC9F



38F5C7



449EBC



555E5C



009E78



001F17

Inverse Universe

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



BC4461



F53866



BC6244



5E5557



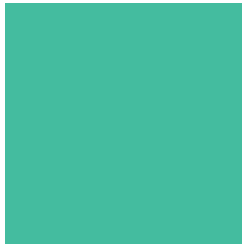
9E0026



1F0007

Previews

White Background



This preview shows how the Hex color 44BC9F looks on a white background.

Color Contrast Check

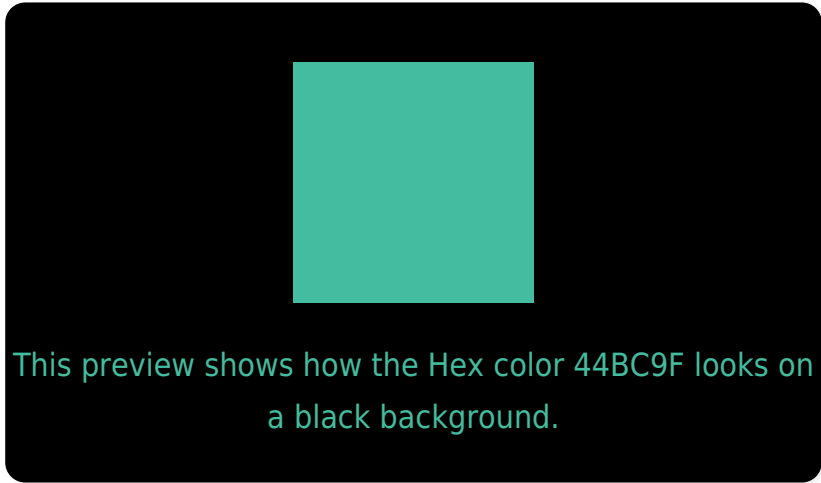
Large Text (above 18pt) WCAG AA × Fail

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

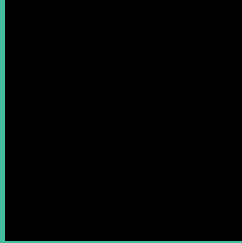
Any Text WCAG AA ✓ Pass

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 44BC9F Background



This preview shows how black text looks on a background with the Hex color 44BC9F.

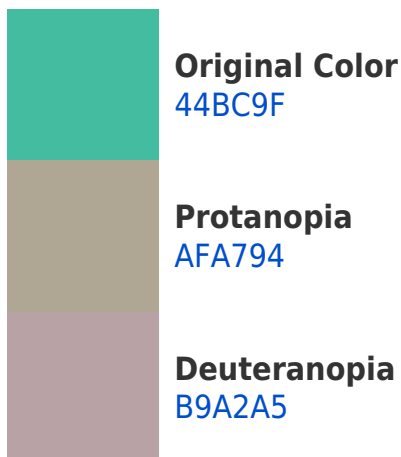


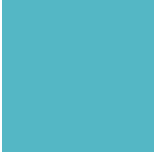
This preview shows how white text looks on a background with the Hex color 44BC9F.

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](#).

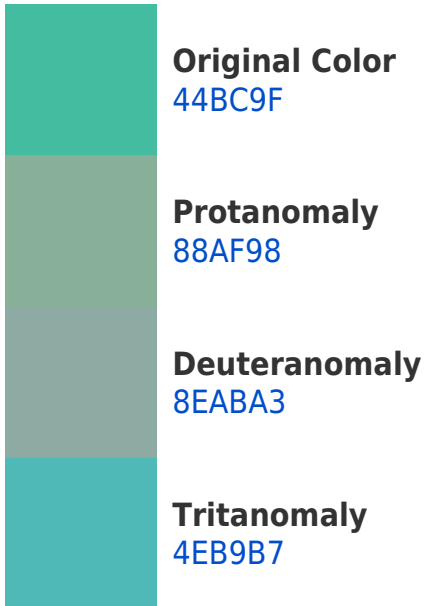
Dichromacy





Tritanopia
54B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44BC9F 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 #44BC9F looks like.

```
.text, #text, p{  
    color:#44BC9F  
}
```

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 #44BC9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BC9F
}
```

Border

The CSS property to change the border of an element to Hex 44BC9F 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
#44BC9F }
```

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

```
.border{ border-color:#44BC9F }
```

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

Here you see how a box with a 4 pixel #44BC9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BC9F; -webkit-box-shadow:4px 4px  
4px 4px #44BC9F; box-shadow:4px 4px 4px  
4px #44BC9F }
```

Background

The CSS property to change the background color of an element to Hex 44BC9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BC9F }
```

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

```
.background{ background-color:#44BC9F }
```

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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