

Converting Colors

Hex(52BB9C)

Have a look what the booklet for
Hex(52BB9C) contains.

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Color

Hex(52BB9C)

Conversions

Conversions Part 1

Format	Color
Hex	52BB9C
RGB	82, 187, 156
RGB Percent	32%, 73%, 61%
CMY	0.6784, 0.2667, 0.3882
CMYK	0.56, 0.00, 0.17, 0.27
HSL	162°, 44%, 53%
HSV	162°, 56%, 73%
XYZ	27.2507, 39.7348, 37.6858
YIQ	152.0710, -52.6290, -31.9010

Conversions

Conversions Part 2

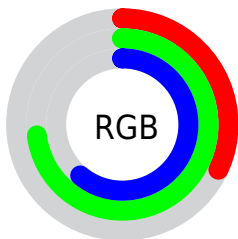
Format	Color
RYB	82, 144, 187
Decimal	5421980
CIELab	69.28, -37.89, 6.61
CIElCh	69, 38.462, 170.100
Yxy	39.7348, 0.2603, 0.3796
Android (android.graphics.Color)	4283612060 (0xFF52BB9C)
YUV	152.0710, 1.9370, -61.4523
Hunter-Lab	63.0355, -33.1453, 8.6783

Details

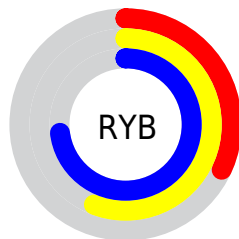
The Hex color **52BB9C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BB5271**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **8CF4D2**, and **048569** is the 20% darker color. If you saturate the color by 10%, you get **3FBB96**, and if you desaturate by 10%, it is **65BBA2**.

Distribution



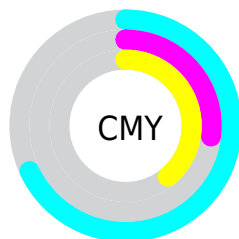
- Red (32%)
- Green (73%)
- Blue (61%)



- Red (32%)
- Yellow (56%)
- Blue (73%)



- Cyan (56%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (68%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52BB9C 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 52BB9C by changing the saturation by 10% instead.

 52BB9C

 52BB9C


FFFFFF

 33A082

 8CF4D2

 048569

 A8FDEF

 006B51

 C5FFFF

 00523A

 E3FFFF

 003A24

 00260F

 000000

 52BB9C

 52BB9C

 3FB996

 65BBA2

 2DBB91

 77BBA7

 1ABB8B

 8ABBAD

 07BB86

 9DBBB2

 00BB84

 B0BBB8

 C2BBBD

 D5BBC3

 E8BBC8

 FABBC E

Harmonies

Analogous

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



80B77B



52BB9C



15BCC0

Triad

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



52BB9C



9CA4EA



E39775

Complementary

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



52BB9C



BB5271

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.



ED8F93



52BB9C



CA98D6

Square

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



52BB9C



61B0ED



E58FB6



CAA364

Rectangle

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



52BB9C



00BAD5



E58FB6



E8947E

Sweetspot

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



52BB9C



C9F2E6



72BB52



627A73



FAFAFA



7A7A7A

Same Dimension

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



52BB9C



50F2C2



52A6BB



555E5C



009E6F



001F16

Inverse Universe

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



BB5271



F25080



BB6752



5E5558



9E002F



1F0009

Previews

White Background



This preview shows how the Hex color 52BB9C looks on a white background.

Color Contrast Check

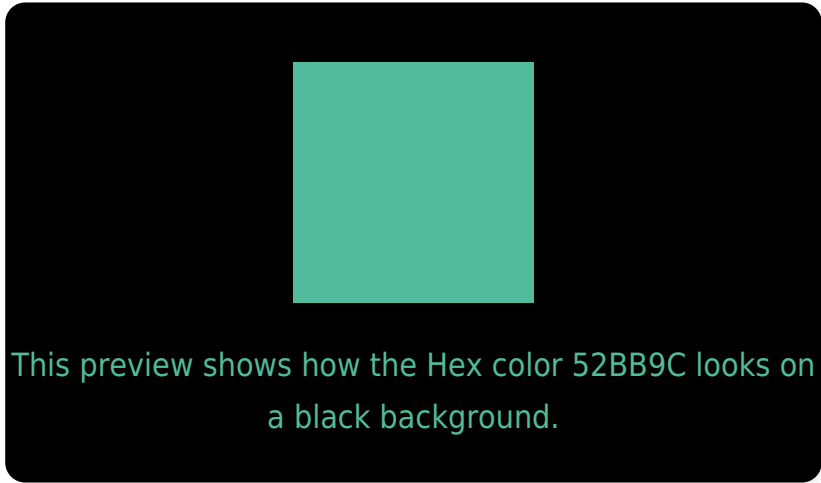
Large Text (above 18pt) WCAG AA × Fail

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

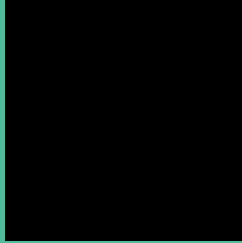
Any Text WCAG AA ✓ Pass

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 52BB9C Background



This preview shows how black text looks on a background with the Hex color 52BB9C.



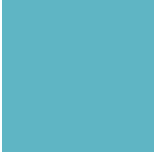
This preview shows how white text looks on a background with the Hex color 52BB9C.

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
5FB5C4

Trichromacy



Original Color
52BB9C



Protanomaly
8EAF96



Deuteranomaly
95AB9F



Tritanomaly
5AB7B5

Monochromacy



Original Color
52BB9C



Achromatopsia
989898



Achromatomaly
7FA599

CSS Examples

Text

The CSS property to change the color of the text to Hex 52BB9C 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 #52BB9C looks like.

```
.text, #text, p{  
    color:#52BB9C  
}
```

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 #52BB9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52BB9C
}
```

Border

The CSS property to change the border of an element to Hex 52BB9C 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
#52BB9C }
```

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

```
.border{ border-color:#52BB9C }
```

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

Here you see how a box with a 4 pixel #52BB9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52BB9C; -webkit-box-shadow:4px 4px  
4px 4px #52BB9C; box-shadow:4px 4px 4px  
4px #52BB9C }
```

Background

The CSS property to change the background color of an element to Hex 52BB9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52BB9C }
```

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

```
.background{ background-color:#52BB9C }
```

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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