

Converting Colors

Hex(50A1B9)

Have a look what the booklet for
Hex(50A1B9) contains.

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Color

Hex(50A1B9)

Conversions

Conversions Part 1

Format	Color
Hex	50A1B9
RGB	80, 161, 185
RGB Percent	31%, 63%, 73%
CMY	0.6863, 0.3686, 0.2745
CMYK	0.57, 0.13, 0.00, 0.27
HSL	194°, 43%, 52%
HSV	194°, 57%, 73%
XYZ	24.8101, 30.6980, 50.5166
YIQ	139.5170, -55.9800, -9.7080

Conversions

Conversions Part 2

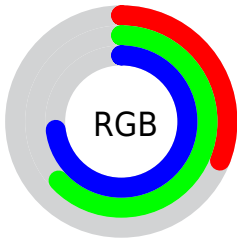
Format	Color
RYB	80, 126, 185
Decimal	5284281
CIELab	62.25, -17.75, -19.91
CIELCh	62, 26.673, 228.292
Yxy	30.6980, 0.2340, 0.2895
Android (android.graphics.Color)	4283474361 (0xFF50A1B9)
YUV	139.5170, 22.4231, -52.1964
Hunter-Lab	55.4058, -17.0298, -15.2741

Details

The Hex color **50A1B9** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B96850**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **89D8F1**, and **006D84** is the 20% darker color. If you saturate the color by 10%, you get **3D9DB9**, and if you desaturate by 10%, it is **63A5B9**.

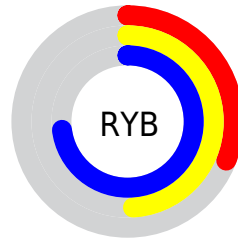
Distribution



Red (31%)

Green (63%)

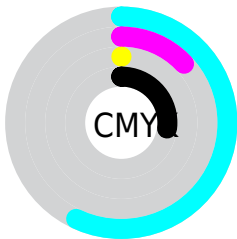
Blue (73%)



Red (31%)

Yellow (49%)

Blue (73%)

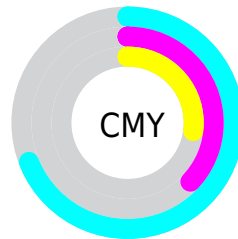


Cyan (57%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (69%)

Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50A1B9 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 50A1B9 by changing the saturation by 10% instead.

■ 50A1B9

FFFFFF

■ 89D8F1

■ A6F4FF

■ C3FFFF

■ E0FFFF

FEFFFF

■ 50A1B9

■ 50A1B9

■ 31879E

■ 006D84

■ 00556B

■ 003D52

■ 00273B

■ 001126

■ 00010F

■ 000000

■ 50A1B9

■ 3D9DB9

■ 63A5B9

■ 2B99B9

■ 75A9B9

■ 1894B9

■ 88AEB9

■ 0690B9

■ 9AB2B9

■ 008FB9

■ ADB6B9

■ BFBAB9

■ D2BFB9

■ E4C3B9

■ F6C7B9

Harmonies

Analogous

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



4EA4A4



50A1B9



6A9CC4

Triad

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



50A1B9



BF86A1



989A69

Complementary

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



50A1B9



B96850

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.



B09268



50A1B9



C68589

Square

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



50A1B9



AB8BB6



C08A74



7DA076

Rectangle

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



50A1B9



8296C5



C08A74



A19767

Sweetspot

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



50A1B9



C7E6F0



50B967



607278



F7F7F7



787878

Same Dimension

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



50A1B9



4DCAF0



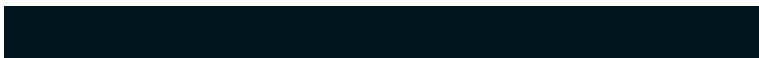
506EB9



535A5C



00789C



00161C

Inverse Universe

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



B950A1



F04DCA



B99B50



5C535A



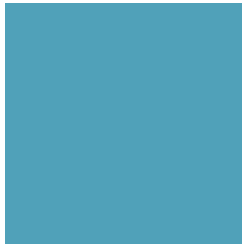
9C0078



1C0016

Previews

White Background



This preview shows how the Hex color 50A1B9 looks on a white background.

Color Contrast Check

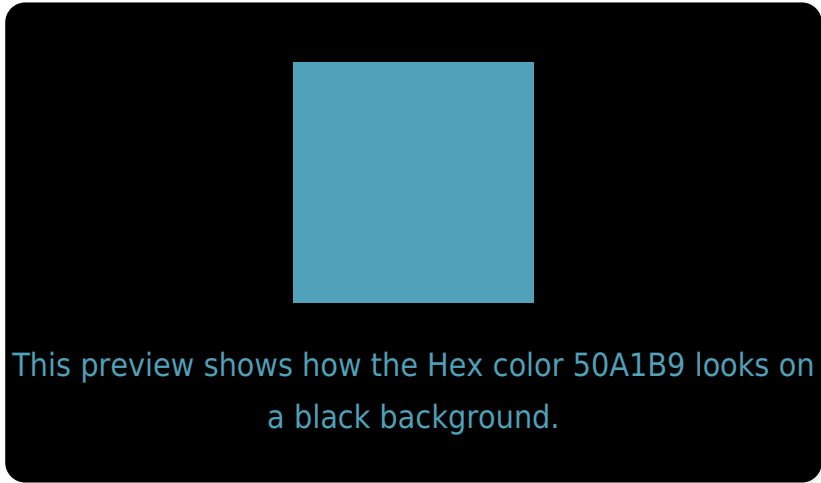
Large Text (above 18pt) WCAG AA × Fail

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

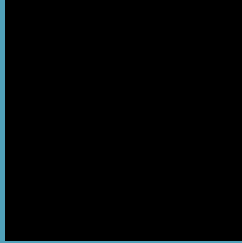
Any Text WCAG AA ✓ Pass

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 50A1B9 Background



This preview shows how black text looks on a background with the Hex color 50A1B9.



This preview shows how white text looks on a background with the Hex color 50A1B9.

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](#).

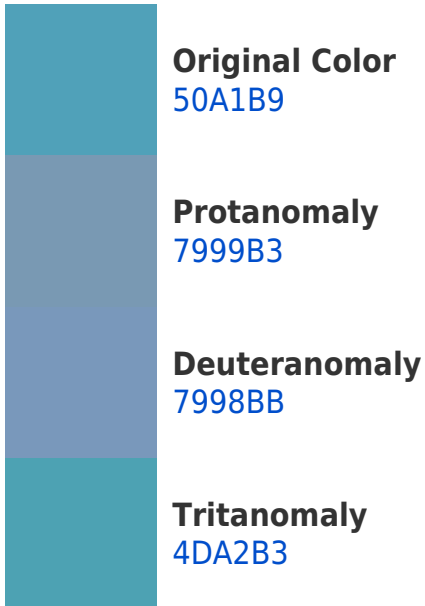
Dichromacy



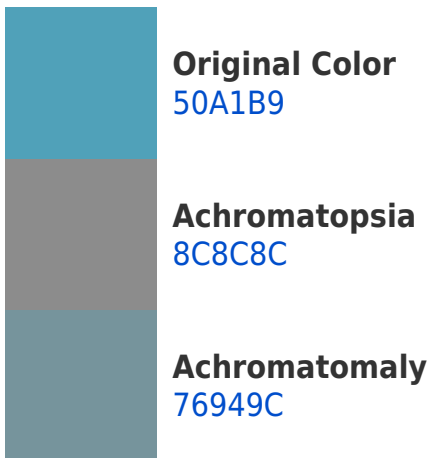


Tritanopia
4CA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 50A1B9 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 #50A1B9 looks like.

```
.text, #text, p{  
    color:#50A1B9  
}
```

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 #50A1B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50A1B9
}
```

Border

The CSS property to change the border of an element to Hex 50A1B9 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
#50A1B9 }
```

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

```
.border{ border-color:#50A1B9 }
```

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

Here you see how a box with a 4 pixel #50A1B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50A1B9; -webkit-box-shadow:4px 4px  
4px 4px #50A1B9; box-shadow:4px 4px 4px  
4px #50A1B9 }
```

Background

The CSS property to change the background color of an element to Hex 50A1B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50A1B9 }
```

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

```
.background{ background-color:#50A1B9 }
```

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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