

Converting Colors

Hex(5D9A9A)

Have a look what the booklet for
Hex(5D9A9A) contains.

Hex(5D9A9A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5D9A9A)

Conversions

Conversions Part 1

Format	Color
Hex	5D9A9A
RGB	93, 154, 154
RGB Percent	36%, 60%, 60%
CMY	0.6353, 0.3961, 0.3961
CMYK	0.40, 0.00, 0.00, 0.40
HSL	180°, 25%, 48%
HSV	180°, 40%, 60%
XYZ	21.9025, 27.7715, 34.7779
YIQ	135.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

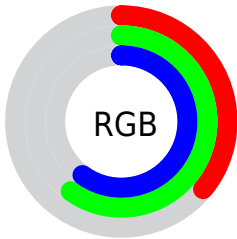
Format	Color
R_{YB}	93, 124, 154
Decimal	6134426
CIE _{Lab}	59.68, -19.67, -6.23
CIE _{LCh}	60, 20.635, 197.566
Yxy	27.7715, 0.2593, 0.3288
Android (android.graphics.Color)	4284324506 (0xFF5D9A9A)
YUV	135.7610, 8.9918, -37.5014
Hunter-Lab	52.6986, -18.0347, -2.2388

Details

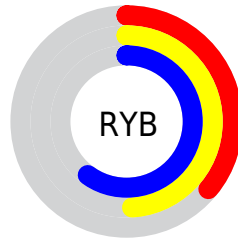
The Hex color **5D9A9A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9A5D5D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **93D1D0**, and **286767** is the 20% darker color. If you saturate the color by 10%, you get **4E9A9A**, and if you desaturate by 10%, it is **6C9A9A**.

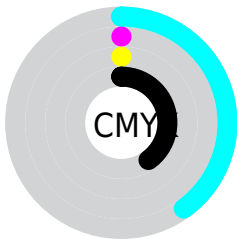
Distribution



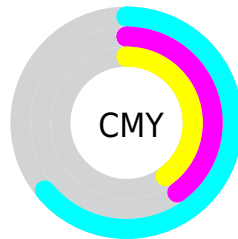
- Red (36%)
- Green (60%)
- Blue (60%)



- Red (36%)
- Yellow (49%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D9A9A 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 5D9A9A by changing the saturation by 10% instead.



5D9A9A



5D9A9A

FFFFFF



438080



93D1D0



286767



AEEDED



054E4F



CAFFFF



003738



E7FFFF



002223



00010D



000000



5D9A9A



5D9A9A



4E9A9A



6C9A9A

■ 3E9A9A

■ 7C9A9A

■ 2F9A9A

■ 8B9A9A

■ 1F9A9A

■ 9B9A9A

■ 109A9A

■ AA9A9A

■ 019A9A

■ B99A9A

■ 009A9A

■ C99A9A

■ D89A9A

■ E89A9A

Harmonies

Analogous

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



6A9A87



5D9A9A



5F98AA

Triad

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



5D9A9A



A088A8



A48C6D

Complementary

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



5D9A9A



9A5D5D

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.



B18676



5D9A9A



AF8398

Square

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



5D9A9A



898EB2



B58386



92926D

Rectangle

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



5D9A9A



6995B1



B58386



A98A6F

Sweetspot

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



5D9A9A



B1C9C9



5D9A5D



586666



E6E6E6



666666

Same Dimension

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



5D9A9A



69C9C9



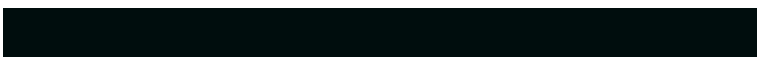
5D7C9A



454D4D



008C8C



000D0D

Inverse Universe

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



9A5D9A



C969C9



9A7C5D



4D454D



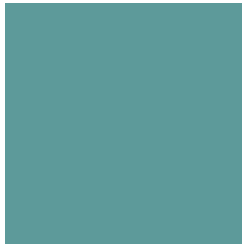
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 5D9A9A looks on a white background.

Color Contrast Check

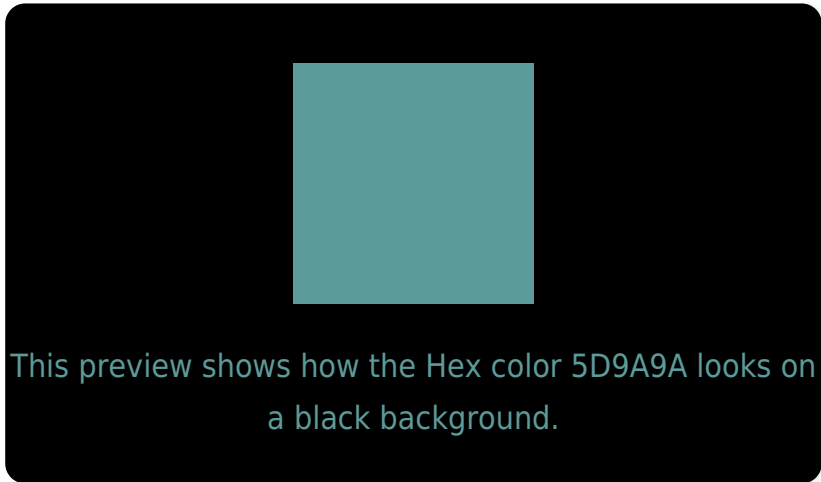
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5D9A9A Background



This preview shows how black text looks on a background with the Hex color 5D9A9A.

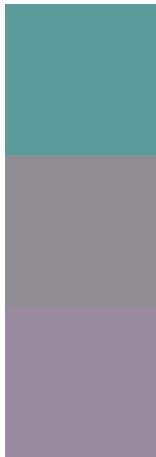


This preview shows how white text looks on a background with the Hex color 5D9A9A.

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



Original Color
5D9A9A

Protanopia
908E93

Deuteranopia
978B9D



Tritanopia
6098A5

Trichromacy



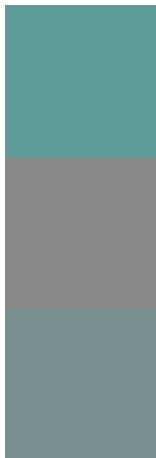
Original Color
5D9A9A

Protanomaly
7D9296

Deuteranomaly
82909C

Tritanomaly
5F99A1

Monochromacy



Original Color
5D9A9A

Achromatopsia
888888

Achromatomaly
788F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D9A9A 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 #5D9A9A looks like.

```
.text, #text, p{  
    color:#5D9A9A  
}
```

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 #5D9A9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D9A9A
}
```

Border

The CSS property to change the border of an element to Hex 5D9A9A 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
#5D9A9A }
```

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

```
.border{ border-color:#5D9A9A }
```

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

Here you see how a box with a 4 pixel #5D9A9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D9A9A; -webkit-box-shadow:4px 4px  
4px 4px #5D9A9A; box-shadow:4px 4px 4px  
4px #5D9A9A }
```

Background

The CSS property to change the background color of an element to Hex 5D9A9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D9A9A }
```

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

```
.background{ background-color:#5D9A9A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor