

Converting Colors

Hex(508D9B)

Have a look what the booklet for
Hex(508D9B) contains.

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Color

Hex(508D9B)

Conversions

Conversions Part 1

Format	Color
Hex	508D9B
RGB	80, 141, 155
RGB Percent	31%, 55%, 61%
CMY	0.6863, 0.4471, 0.3922
CMYK	0.48, 0.09, 0.00, 0.39
HSL	191°, 32%, 46%
HSV	191°, 48%, 61%
XYZ	18.7495, 23.1218, 34.4851
YIQ	124.3570, -40.8500, -8.5780

Conversions

Conversions Part 2

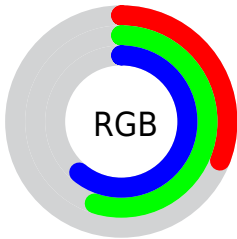
Format	Color
R_{YB}	80, 114, 155
Decimal	5279131
CIE _{Lab}	55.20, -15.82, -13.57
CIE _{LCh}	55, 20.848, 220.626
Yxy	23.1218, 0.2456, 0.3028
Android (android.graphics.Color)	4283469211 (0xFF508D9B)
YUV	124.3570, 15.1070, -38.9011
Hunter-Lab	48.0851, -14.5475, -8.8613

Details

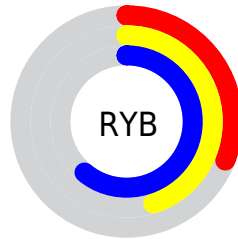
The Hex color **508D9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B5E50**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **86C3D1**, and **165B68** is the 20% darker color. If you saturate the color by 10%, you get **418A9B**, and if you desaturate by 10%, it is **60909B**.

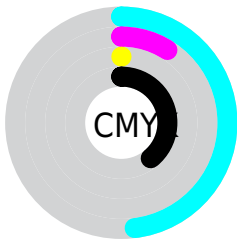
Distribution



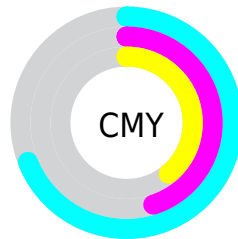
- Red (31%)
- Green (55%)
- Blue (61%)



- Red (31%)
- Yellow (45%)
- Blue (61%)



- Cyan (48%)
- Magenta (9%)
- Yellow (0%)
- Black (39%)



- Cyan (69%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 508D9B 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 508D9B by changing the saturation by 10% instead.

■ 508D9B

■ 508D9B

FFFFFF

■ 357381

■ 86C3D1

■ 165B68

■ A1DFEE

■ 004350

■ BEFBFF

■ 002D39

■ DAFFFF

■ 001923

■ F7FFFF

■ 00010D

■ 000000

■ 508D9B

■ 508D9B

■ 418A9B

■ 60909B

■ 31879B

■ 6F939B

■ 22849B

■ 7E969B

■ 12819B

■ 8E999B

■ 037F9B

■ 9D9B9B

■ 007E9B

■ AD9E9B

■ BDA19B

■ CCA49B

■ DCA79B

Harmonies

Analogous

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



538E8A



508D9B



5F89A6

Triad

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



508D9B



A17891



8B8561

Complementary

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



508D9B



9B5E50

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.



9C7F63



508D9B



A9777E

Square

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



508D9B



8F7DA0



A77A6D



778A68

Rectangle

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



508D9B



6E86A8



A77A6D



918360

Sweetspot

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



508D9B



ABC4C9



509B5E



546366



E6E6E6



666666

Same Dimension

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



508D9B



55B4C9



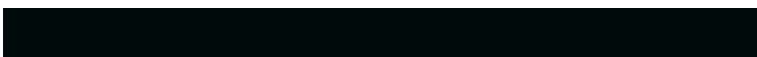
50689B



454B4D



00728C



000A0D

Inverse Universe

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



9B508D



C955B4



9B8350



4D454B



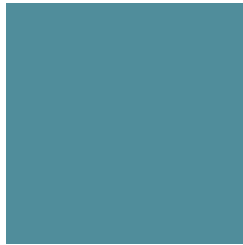
8C0072



0D000A

Previews

White Background



This preview shows how the Hex color 508D9B looks on a white background.

Color Contrast Check

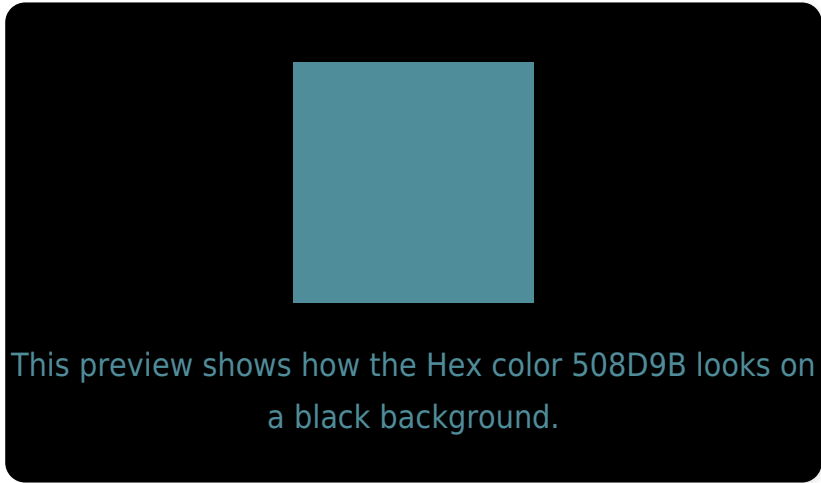
Large Text (above 18pt) WCAG AA ✓ Pass

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

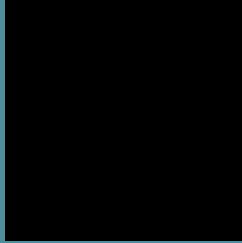
Any Text WCAG AA ✓ Pass

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 508D9B Background



This preview shows how black text looks on a background with the Hex color 508D9B.

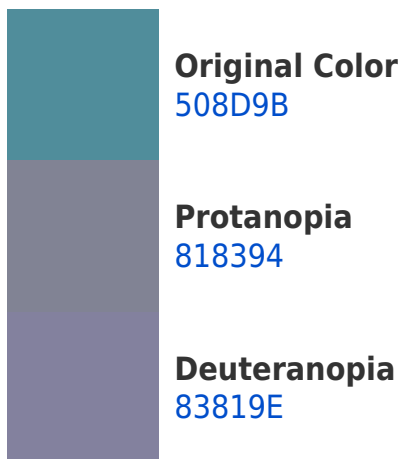


This preview shows how white text looks on a background with the Hex color 508D9B.

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
4F8D99

Trichromacy



Original Color
508D9B

Protanomaly
6F8797

Deuteranomaly
70859D

Tritanomaly
4F8D9A

Monochromacy



Original Color
508D9B

Achromatopsia
7C7C7C

Achromatomaly
6C8287

CSS Examples

Text

The CSS property to change the color of the text to Hex 508D9B 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 #508D9B looks like.

```
.text, #text, p{  
    color:#508D9B  
}
```

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 #508D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #508D9B
}
```

Border

The CSS property to change the border of an element to Hex 508D9B 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
#508D9B }
```

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

```
.border{ border-color:#508D9B }
```

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

Here you see how a box with a 4 pixel #508D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #508D9B; -webkit-box-shadow:4px 4px  
4px 4px #508D9B; box-shadow:4px 4px 4px  
4px #508D9B }
```

Background

The CSS property to change the background color of an element to Hex 508D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#508D9B }
```

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

```
.background{ background-color:#508D9B }
```

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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