

Converting Colors

Hex(53859B)

Have a look what the booklet for
Hex(53859B) contains.

Hex(53859B)	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(53859B)

Conversions

Conversions Part 1

Format	Color
Hex	53859B
RGB	83, 133, 155
RGB Percent	33%, 52%, 61%
CMY	0.6745, 0.4784, 0.3922
CMYK	0.46, 0.14, 0.00, 0.39
HSL	198°, 30%, 47%
HSV	198°, 46%, 61%
XYZ	17.8712, 20.9806, 34.1181
YIQ	120.5580, -36.8620, -3.7580

Conversions

Conversions Part 2

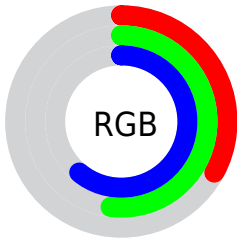
Format	Color
R _Y B	83, 113, 155
Decimal	5473691
CIE Lab	52.93, -10.66, -17.00
CIE LCh	53, 20.067, 237.914
Yxy	20.9806, 0.2449, 0.2875
Android (android.graphics.Color)	4283663771 (0xFF53859B)
YUV	120.5580, 16.9799, -32.9384
Hunter-Lab	45.8046, -10.5142, -12.0996

Details

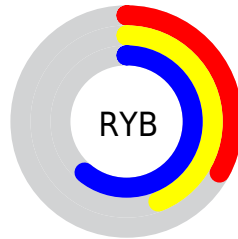
The Hex color **53859B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B6953**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **88BAD1**, and **1C5368** is the 20% darker color. If you saturate the color by 10%, you get **44809B**, and if you desaturate by 10%, it is **628A9B**.

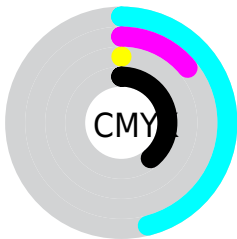
Distribution



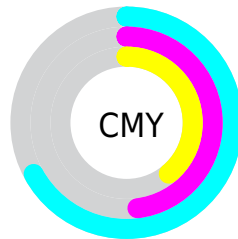
- Red (33%)
- Green (52%)
- Blue (61%)



- Red (33%)
- Yellow (44%)
- Blue (61%)



- Cyan (46%)
- Magenta (14%)
- Yellow (0%)
- Black (39%)



- Cyan (67%)
- Magenta (48%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53859B 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 53859B by changing the saturation by 10% instead.

■ 53859B

■ 53859B

FFFFFF

■ 396C81

■ 88BAD1

■ 1C5368

■ A4D6EE

■ 003C50

■ C0F2FF

■ 002739

■ DCFFFF

■ 001323

■ F9FFFF

■ 00000C

■ 000000

■ 53859B

■ 53859B

■ 44809B

■ 628A9B

■ 347C9B

■ 728E9B

■ 25779B

■ 82939B

■ 15729B

■ 91989B

■ 066D9B

■ A19D9B

■ 006C9B

■ B0A19B

■ C0A69B

■ CFAB9B

■ DFB09B

Harmonies

Analogous

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



4C888E



53859B



6880A0

Triad

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



53859B



9F7280



7A8260

Complementary

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



53859B



9B6953

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.



8C7D5C



53859B



A1736F

Square

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



53859B



937591



9A7762



66866C

Rectangle

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



53859B



787C9F



9A7762



80815D

Sweetspot

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



53859B



ADC1C9



539B69



556166



E6E6E6



666666

Same Dimension

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



53859B



59A7C9



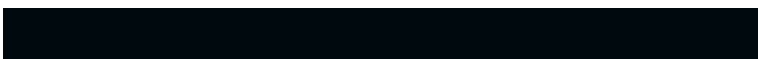
53619B



454A4D



00618C



00090D

Inverse Universe

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



9B5385



C959A7



9B8D53



4D454A



8C0061



0D0009

Previews

White Background



This preview shows how the Hex color 53859B looks on a white background.

Color Contrast Check

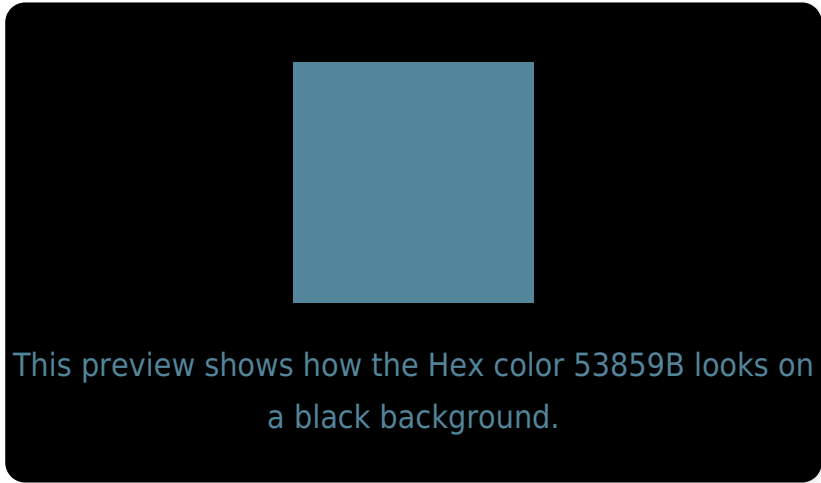
Large Text (above 18pt) WCAG AA ✓ Pass

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

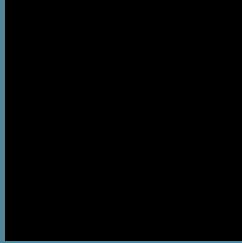
Any Text WCAG AA ✓ Pass

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 53859B Background



This preview shows how black text looks on a background with the Hex color 53859B.

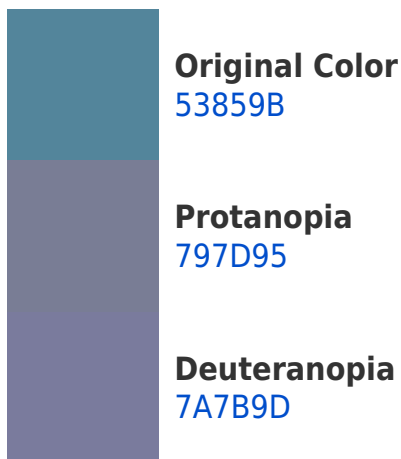


This preview shows how white text looks on a background with the Hex color 53859B.

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](#).

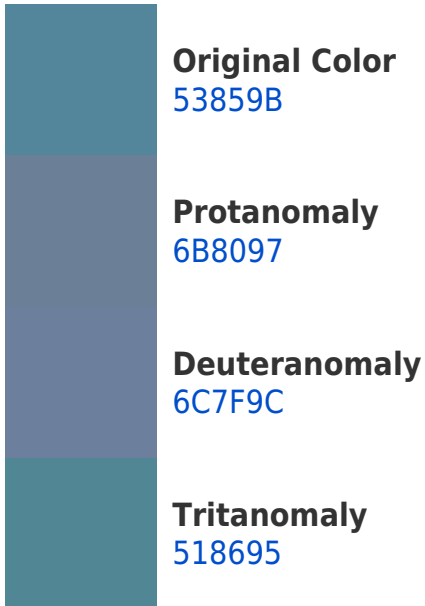
Dichromacy





Tritanopia
508791

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53859B 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 #53859B looks like.

```
.text, #text, p{  
    color:#53859B  
}
```

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 #53859B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53859B
}
```

Border

The CSS property to change the border of an element to Hex 53859B 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
#53859B }
```

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

```
.border{ border-color:#53859B }
```

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

Here you see how a box with a 4 pixel #53859B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53859B; -webkit-box-shadow:4px 4px  
4px 4px #53859B; box-shadow:4px 4px 4px  
4px #53859B }
```

Background

The CSS property to change the background color of an element to Hex 53859B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53859B }
```

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

```
.background{ background-color:#53859B }
```

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