

Converting Colors

Hex(859D93)

Have a look what the booklet for
Hex(859D93) contains.

Hex(859D93)	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(859D93)

Conversions

Conversions Part 1

Format	Color
Hex	859D93
RGB	133, 157, 147
RGB Percent	52%, 62%, 58%
CMY	0.4784, 0.3843, 0.4235
CMYK	0.15, 0.00, 0.06, 0.38
HSL	155°, 11%, 57%
HSV	155°, 15%, 62%
XYZ	26.9963, 31.2071, 32.2045
YIQ	148.6840, -11.0940, -8.1980

Conversions

Conversions Part 2

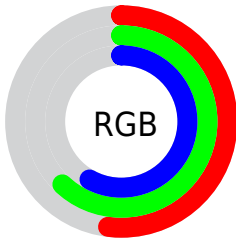
Format	Color
RYB	133, 148, 157
Decimal	8756627
CIELab	62.68, -10.48, 2.40
CIELCh	63, 10.750, 167.077
Yxy	31.2071, 0.2986, 0.3452
Android (android.graphics.Color)	4286946707 (0xFF859D93)
YUV	148.6840, -0.8302, -13.7549
Hunter-Lab	55.8633, -11.4995, 4.9244

Details

The Hex color **859D93** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D858F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **BAD4C9**, and **536A61** is the 20% darker color. If you saturate the color by 10%, you get **759D8C**, and if you desaturate by 10%, it is **959D9A**.

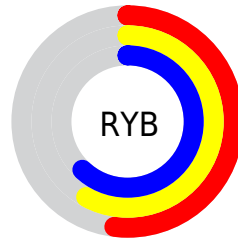
Distribution



Red (52%)

Green (62%)

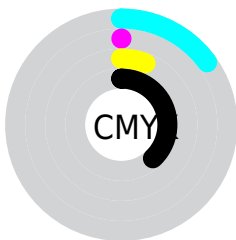
Blue (58%)



Red (52%)

Yellow (58%)

Blue (62%)

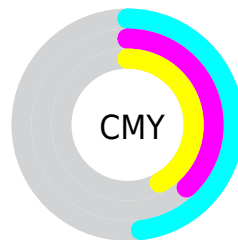


Cyan (15%)

Magenta (0%)

Yellow (6%)

Black (38%)



Cyan (48%)

Magenta (38%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859D93 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 859D93 by changing the saturation by 10% instead.



859D93



859D93

FFFFFF



6C8379



BAD4C9



536A61



D6F0E5



3C5249



F3FFFF



263A32



11251D



001003



000000



859D93



859D93



759D8C



959D9A

669D86

A49DA0

569D7F

B49DA7

469D79

C49DAD

369D72

D49DB4

279D6C

E39DBA

179D65

F39DC1

079D5F

FF9DC7

009D5C

FF9DCE

Harmonies

Analogous

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



8F9B8A



859D93



809D9D

Triad

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



859D93



9497AA



AA938A

Complementary

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



859D93



9D858F

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.



AC9192



859D93



A094A5

Square

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



859D93



899AAA



A9929C



A49685

Rectangle

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



859D93



809DA3



A9929C



AC928C

Sweetspot

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



859D93



C2CCC8



8F9D85



606663



E6E6E6



666666

Same Dimension

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



859D93



A7CCBD



859B9D



474F4C



008F53



000F09

Inverse Universe

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



9D858F



CCA7B7



9D8785



4F474A



8F003C



0F0006

Previews

White Background



This preview shows how the Hex color 859D93 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

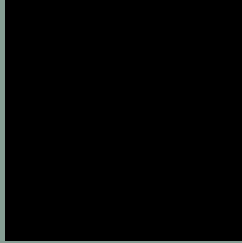
Any Text WCAG AA ✓ Pass

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 859D93 Background



This preview shows how black text looks on a background with the Hex color 859D93.

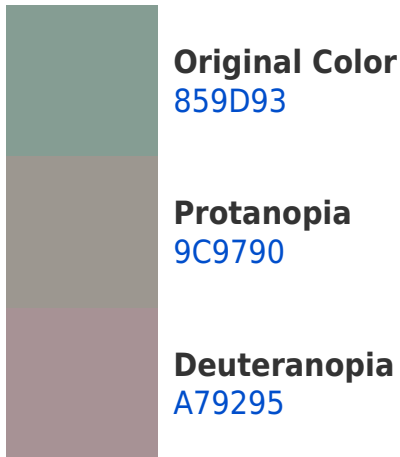


This preview shows how white text looks on a background with the Hex color 859D93.

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
889AA6

Trichromacy



Original Color
859D93

Protanomaly
949991

Deuteranomaly
9B9694

Tritanomaly
879B9F

Monochromacy



Original Color
859D93

Achromatopsia
959595

Achromatomaly
8F9894

CSS Examples

Text

The CSS property to change the color of the text to Hex 859D93 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 #859D93 looks like.

```
.text, #text, p{  
    color:#859D93  
}
```

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 #859D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859D93
}
```

Border

The CSS property to change the border of an element to Hex 859D93 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
#859D93 }
```

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

```
.border{ border-color:#859D93 }
```

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

Here you see how a box with a 4 pixel #859D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859D93; -webkit-box-shadow:4px 4px  
4px 4px #859D93; box-shadow:4px 4px 4px  
4px #859D93 }
```

Background

The CSS property to change the background color of an element to Hex 859D93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859D93 }
```

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

```
.background{ background-color:#859D93 }
```

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