

Converting Colors

Hex(959EA9)

Have a look what the booklet for
Hex(959EA9) contains.

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Color

Hex(959EA9)

Conversions

Conversions Part 1

Format	Color
Hex	959EA9
RGB	149, 158, 169
RGB Percent	58%, 62%, 66%
CMY	0.4157, 0.3804, 0.3373
CMYK	0.12, 0.07, 0.00, 0.34
HSL	213°, 10%, 62%
HSV	213°, 12%, 66%
XYZ	31.7827, 33.7079, 42.3673
YIQ	156.5630, -8.8950, 1.5130

Conversions

Conversions Part 2

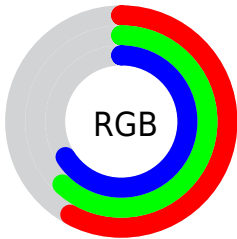
Format	Color
RYB	149, 155, 169
Decimal	9805481
CIELab	64.73, -0.93, -6.82
CIELCh	65, 6.885, 262.255
Yxy	33.7079, 0.2947, 0.3125
Android (android.graphics.Color)	4287995561 (0xFF959EA9)
YUV	156.5630, 6.1314, -6.6328
Hunter-Lab	58.0585, -3.8868, -2.6250

Details

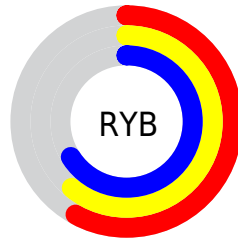
The Hex color **959EA9** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A9A095**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **CBD5E0**, and **626B75** is the 20% darker color. If you saturate the color by 10%, you get **8495A9**, and if you desaturate by 10%, it is **A6A7A9**.

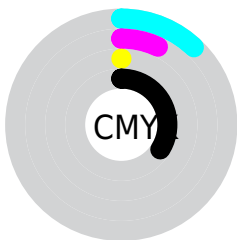
Distribution



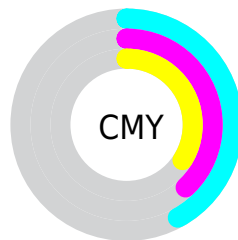
- Red (58%)
- Green (62%)
- Blue (66%)



- Red (58%)
- Yellow (61%)
- Blue (66%)



- Cyan (12%)
- Magenta (7%)
- Yellow (0%)
- Black (34%)



- Cyan (42%)
- Magenta (38%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 959EA9 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 959EA9 by changing the saturation by 10% instead.

■ 959EA9

■ 959EA9

FFFFFF

■ 7B848F

■ CBD5E0

■ 626B75

■ E7F1FD

■ 4A535C

■ 333C45

■ 1E262F

■ 07111A

■ 000000

■ 959EA9

■ 959EA9

■ 8495A9

■ A6A7A9

738BA9

B7B1A9

6282A9

C8BAA9

5179A9

D9C3A9

4170A9

E9CCA9

3066A9

FAD6A9

1F5DA9

FFDFA9

0E54A9

FFE8A9

004CA9

FFF2A9

Harmonies

Analogous

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



90A0A6



959EA9



9C9CA8

Triad

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



959EA9



AB9999



96A095

Complementary

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



959EA9



A9A095

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.



9D9E92



959EA9



A99A93

Square

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



959EA9



A9999F



A49C91



90A19B

Rectangle

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



959EA9



A19BA6



A49C91



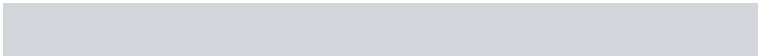
989F94

Sweetspot

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



959EA9



D3D6DB



95A9A0



686B6E



EDEDED



6E6E6E

Same Dimension

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



959EA9



BDCADB



9695A9



4C5054



004394



000914

Inverse Universe

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



A9959E



DBBDCA



A8A995



544C50



940043



140009

Previews

White Background



This preview shows how the Hex color 959EA9 looks on a white background.

Color Contrast Check

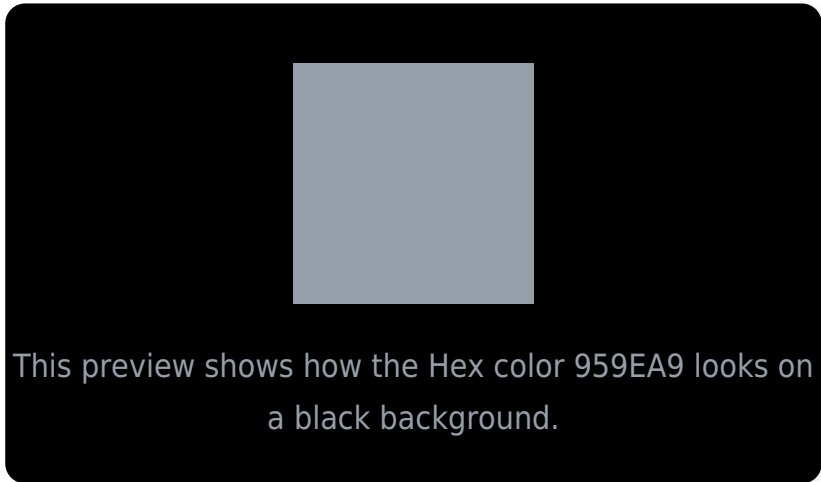
Large Text (above 18pt) WCAG AA × Fail

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

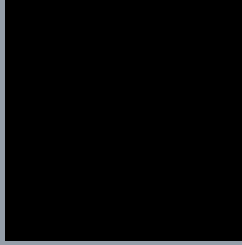
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

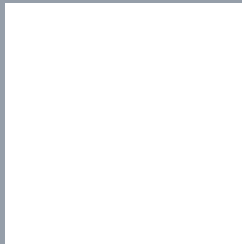
Any Text WCAG AAA ✓ Pass

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

Hex 959EA9 Background



This preview shows how black text looks on a background with the Hex color 959EA9.

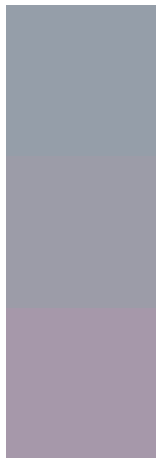


This preview shows how white text looks on a background with the Hex color 959EA9.

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
959EA9

Protanopia
9C9CA8

Deuteranopia
A698AA

Trichromacy



Original Color
959EA9

Protanomaly
999DA8

Deuteranomaly
A09AAA

Tritanomaly
959EAA

Monochromacy



Original Color
959EA9

Achromatopsia
9D9D9D

Achromatomaly
9A9DA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 959EA9 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 #959EA9 looks like.

```
.text, #text, p{  
    color:#959EA9  
}
```

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 #959EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959EA9
}
```

Border

The CSS property to change the border of an element to Hex 959EA9 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
#959EA9 }
```

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

```
.border{ border-color:#959EA9 }
```

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

Here you see how a box with a 4 pixel #959EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959EA9; -webkit-box-shadow:4px 4px  
4px 4px #959EA9; box-shadow:4px 4px 4px  
4px #959EA9 }
```

Background

The CSS property to change the background color of an element to Hex 959EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959EA9 }
```

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

```
.background{ background-color:#959EA9 }
```

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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