

Converting Colors

Hex(958FA1)

Have a look what the booklet for
Hex(958FA1) contains.

Hex(958FA1)	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(958FA1)

Conversions

Conversions Part 1

Format	Color
Hex	958FA1
RGB	149, 143, 161
RGB Percent	58%, 56%, 63%
CMY	0.4157, 0.4392, 0.3686
CMYK	0.07, 0.11, 0.00, 0.37
HSL	260°, 9%, 60%
HSV	260°, 11%, 63%
XYZ	28.6499, 28.6077, 37.7300
YIQ	146.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

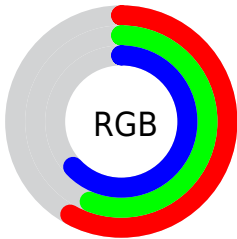
Format	Color
R_{YB}	149, 143, 161
Decimal	9801633
CIE Lab	60.43, 5.79, -8.69
CIE LCh	60, 10.447, 303.665
Yxy	28.6077, 0.3016, 0.3012
Android (android.graphics.Color)	4287991713 (0xFF958FA1)
YUV	146.8460, 6.9779, 1.8891
Hunter-Lab	53.4862, 2.0129, -4.3839

Details

The Hex color **958FA1** is a light color, and the websafe version is hex **999999**. A complement of this color would be **9BA18F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **CBC5D8**, and **625D6D** is the 20% darker color. If you saturate the color by 10%, you get **8A7FA1**, and if you desaturate by 10%, it is **A09FA1**.

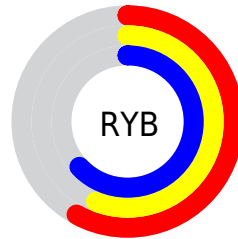
Distribution



Red (58%)

Green (56%)

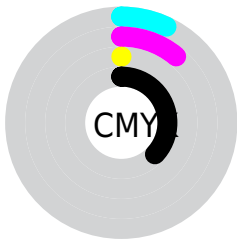
Blue (63%)



Red (58%)

Yellow (56%)

Blue (63%)

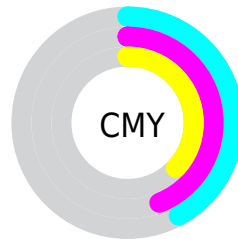


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (37%)



Cyan (42%)

Magenta (44%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 958FA1 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 958FA1 by changing the saturation by 10% instead.

■ 958FA1

FFFFFF

■ CBC5D8

■ E7E1F4

■ FFFDFD

■ 958FA1

■ 8A7FA1

■ 958FA1

■ 7B7587

■ 625D6D

■ 4A4555

■ 342F3E

■ 1E1A28

■ 070014

■ 000000

■ 958FA1

■ A09FA1

806FA1

AAAF1

755FA1

B5BFA1

6A4FA1

C0CFA1

5F3FA1

CBE0A1

552EA1

D5F0A1

4A1EA1

E0FFA1

3F0EA1

EBFFA1

3600A1

F6FFA1

Harmonies

Analogous

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



8992A4



958FA1



9F8D9A

Triad

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



958FA1



A18E81



7C9793

Complementary

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



958FA1



9BA18F

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.



849689



958FA1



98917F

Square

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



958FA1



A58C88



8E9482



7B979C

Rectangle

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



958FA1



A38C94



8E9482



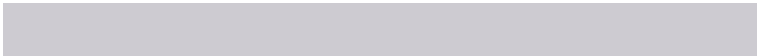
7E978F

Sweetspot

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



958FA1



CDCBD1



8F9BA1



666469



E8E8E8



696969

Same Dimension

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



958FA1



BFB6D1



9E8FA1



4C4952



300091



060012

Inverse Universe

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



A18F9B



D1B6C8



92A18F



52494F



910061



12000C

Previews

White Background



This preview shows how the Hex color 958FA1 looks on a white background.

Color Contrast Check

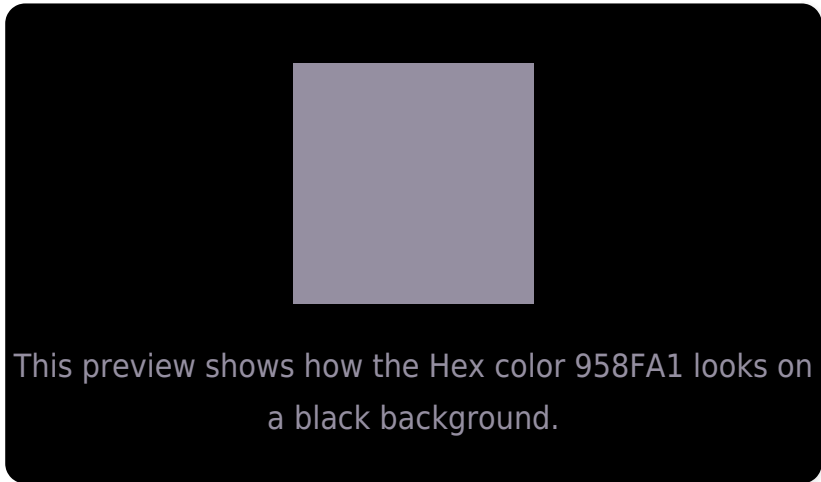
Large Text (above 18pt) WCAG AA ✓ Pass

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

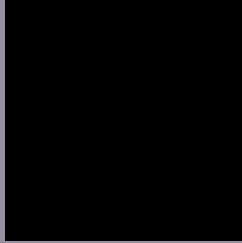
Any Text WCAG AA ✓ Pass

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 958FA1 Background



This preview shows how black text looks on a background with the Hex color 958FA1.



This preview shows how white text looks on a background with the Hex color 958FA1.

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
958FA1

Protanopia
8F91A2

Deuteranopia
998EA1



Tritanopia
94909B

Trichromacy



Original Color

958FA1

Protanomaly

9190A2

Deuteranomaly

988EA1

Tritanomaly

94909D

Monochromacy



Original Color

958FA1

Achromatopsia

939393

Achromatomaly

949298

CSS Examples

Text

The CSS property to change the color of the text to Hex 958FA1 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 #958FA1 looks like.

```
.text, #text, p{  
    color:#958FA1  
}
```

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 #958FA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #958FA1
}
```

Border

The CSS property to change the border of an element to Hex 958FA1 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".

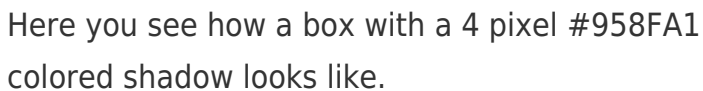
```
.border, #border, table{ border:4px solid
#958FA1 }
```

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

```
.border{ border-color:#958FA1 }
```

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

Here you see how a box with a 4 pixel #958FA1 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #958FA1; -webkit-box-shadow:4px 4px  
4px 4px #958FA1; box-shadow:4px 4px 4px  
4px #958FA1 }
```

Background

The CSS property to change the background color of an element to Hex 958FA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#958FA1 }
```

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

```
.background{ background-color:#958FA1 }
```

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