

# Converting Colors

Hex(959DA2)

Have a look what the booklet for  
Hex(959DA2) contains.

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# **Color**

**Hex(959DA2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	959DA2
RGB	149, 157, 162
RGB Percent	58%, 62%, 64%
CMY	0.4157, 0.3843, 0.3647
CMYK	0.08, 0.03, 0.00, 0.36
HSL	203°, 7%, 61%
HSV	203°, 8%, 64%
XYZ	30.9730, 33.1121, 38.9412
YIQ	155.1780, -6.3730, -0.1410

# Conversions

## Conversions Part 2

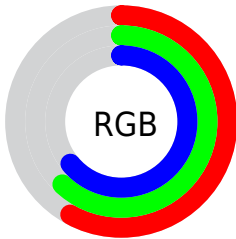
Format	Color
<a href="#">RYB</a>	<a href="#">149, 154, 162</a>
Decimal	<a href="#">9805218</a>
CIELab	<a href="#">64.25, -1.84, -3.60</a>
CIELCh	<a href="#">64, 4.042, 242.947</a>
Yxy	<a href="#">33.1121, 0.3006, 0.3214</a>
Android (android.graphics.Color)	<a href="#">4287995298</a> ( <a href="#">0xFF959DA2</a> )
YUV	<a href="#">155.1780, 3.3632, -5.4181</a>
Hunter-Lab	<a href="#">57.5431, -4.6217, 0.1568</a>

# Details

The Hex color **959DA2** is a light color, and the websafe version is hex **999999**. A complement of this color would be **A29A95**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **CBD4D9**, and **626A6E** is the 20% darker color. If you saturate the color by 10%, you get **8597A2**, and if you desaturate by 10%, it is **A5A3A2**.

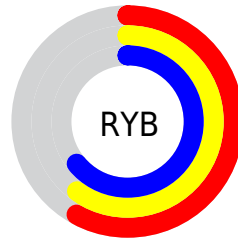
# Distribution



Red (58%)

Green (62%)

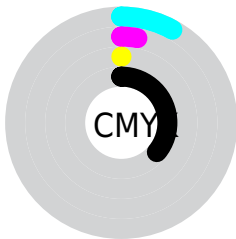
Blue (64%)



Red (58%)

Yellow (60%)

Blue (64%)

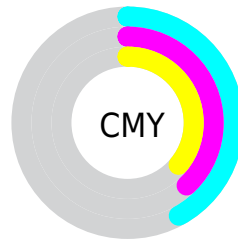


Cyan (8%)

Magenta (3%)

Yellow (0%)

Black (36%)



Cyan (42%)

Magenta (38%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 959DA2 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 959DA2 by changing the saturation by 10% instead.



■ 959DA2

■ 959DA2

FFFFFF

■ 7B8388

■ CBD4D9

■ 626A6E

■ E7F0F5

■ 4A5256

■ 343B3F

■ 1E2529

■ 071015

■ 000000

■ 959DA2

■ 959DA2

■ 8597A2

■ A5A3A2

7591A2

B5A9A2

648AA2

C6B0A2

5484A2

D6B6A2

447EA2

E6BCA2

3478A2

F6C2A2

2471A2

FFC9A2

136BA2

FFCFA2

0365A2

FFD5A2

# Harmonies

## Analogous

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



939E9F



959DA2



999CA3

# Triad

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



959DA2



A3999B



9A9D96

# Complementary

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



959DA2



A29A95

# 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.



9F9C95



959DA2



A49A98

# Square

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



959DA2



A19A9F



A29A95



969E98

# Rectangle

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



959DA2



9C9BA2



A29A95



9C9C95



# Sweetspot

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



959DA2



CFD2D4



95A29A



696A6B



EBEBEB



6B6B6B



# Same Dimension

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



959DA2



BECCD4



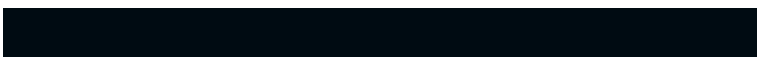
9597A2



494E52



005991



000B12



# Inverse Universe

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



A2959D



D4BECC



A2A095



52494E



910059



12000B



# Previews

## White Background



This preview shows how the Hex color 959DA2 looks on a white background.

## Color Contrast Check

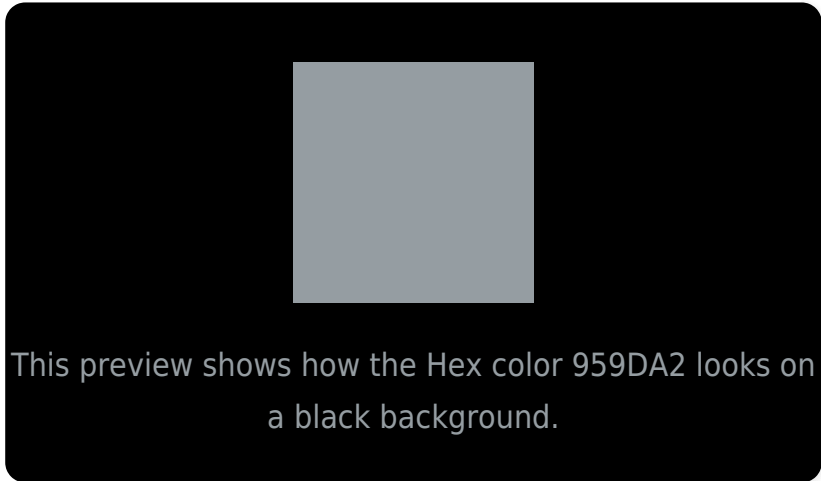
Large Text (above 18pt) WCAG AA × Fail

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

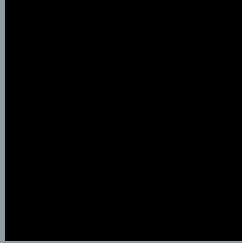
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

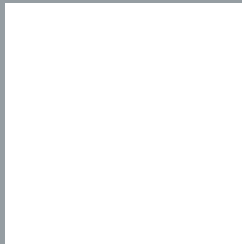
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 959DA2 Background



This preview shows how black text looks on a background with the Hex color 959DA2.



This preview shows how white text looks on a background with the Hex color 959DA2.

# 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**  
959DA2

**Protanopia**  
9D9BA1

**Deuteranopia**  
A797A3



**Tritanopia**  
969CA8

# Trichromacy



**Original Color**  
959DA2

**Protanomaly**  
9A9CA1

**Deuteranomaly**  
A099A3

**Tritanomaly**  
969CA6

# Monochromacy



**Original Color**  
959DA2

**Achromatopsia**  
9B9B9B

**Achromatomaly**  
999C9E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 959DA2 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 #959DA2 looks like.

```
.text, #text, p{  
    color:#959DA2  
}
```

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 #959DA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959DA2
}
```

## Border

The CSS property to change the border of an element to Hex 959DA2 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
#959DA2 }
```

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

```
.border{ border-color:#959DA2 }
```

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

Here you see how a box with a 4 pixel #959DA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959DA2; -webkit-box-shadow:4px 4px  
4px 4px #959DA2; box-shadow:4px 4px 4px  
4px #959DA2 }
```

# Background

The CSS property to change the background color of an element to Hex 959DA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959DA2 }
```

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

```
.background{ background-color:#959DA2 }
```

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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