

Converting Colors

Hex(959DC9)

Have a look what the booklet for
Hex(959DC9) contains.

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Color

Hex(959DC9)

Conversions

Conversions Part 1

Format	Color
Hex	959DC9
RGB	149, 157, 201
RGB Percent	58%, 62%, 79%
CMY	0.4157, 0.3843, 0.2118
CMYK	0.26, 0.22, 0.00, 0.21
HSL	231°, 32%, 69%
HSV	231°, 26%, 79%
XYZ	34.9940, 34.7205, 60.1157
YIQ	159.6240, -18.8920, 11.9880

Conversions

Conversions Part 2

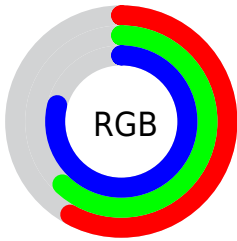
Format	Color
R_{YB}	149, 156, 201
Decimal	9805257
CIE _{Lab}	65.53, 6.94, -23.50
CIE _{LCh}	66, 24.506, 286.444
Yxy	34.7205, 0.2695, 0.2674
Android (android.graphics.Color)	4287995337 (0xFF959DC9)
YUV	159.6240, 20.3984, -9.3172
Hunter-Lab	58.9241, 2.8908, -19.2420

Details

The Hex color **959DC9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **C9C195**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **CCD3FF**, and **616A93** is the 20% darker color. If you saturate the color by 10%, you get **818CC9**, and if you desaturate by 10%, it is **A9AEC9**.

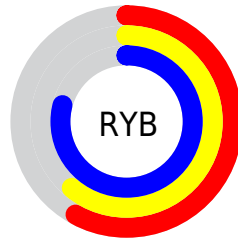
Distribution



Red (58%)

Green (62%)

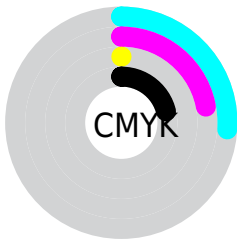
Blue (79%)



Red (58%)

Yellow (61%)

Blue (79%)

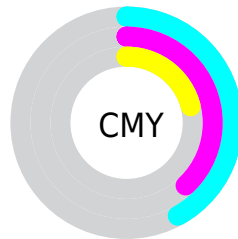


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (42%)

Magenta (38%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 959DC9 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 959DC9 by changing the saturation by 10% instead.

■ 959DC9

■ 959DC9

FFFFFF

■ 7B83AE

■ CCD3FF

■ 616A93

■ E8F0FF

■ 485279

■ 303B60

■ 182548

■ 001131

■ 00021C

■ 000000

■ 959DC9

■ 959DC9

818CC9

A9AEC9

6D7BC9

BDBFC9

596AC9

D1D0C9

4559C9

E5E1C9

3148C9

FAF2C9

1C37C9

FFFFC9

0826C9

001FC9

Harmonies

Analogous

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



76A4C9



959DC9



B195BE

Triad

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



959DC9



C79380



71AB94

Complementary

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



959DC9



C9C195

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.



8AA780



959DC9



B89A75

Square

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



959DC9



CC8F94



A3A275



60ABAB

Rectangle

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



959DC9



BF92B1



A3A275



79AA8D

Sweetspot

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



959DC9



EBE EFF



95C9C0



737580



000000



808080

Same Dimension

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



959DC9



B0BCFF



A695C9



5A5B63



0019A3



000524

Inverse Universe

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



C9959D



FFB0BC



B8C995



635A5B



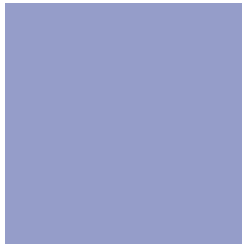
A30019



240005

Previews

White Background



This preview shows how the Hex color 959DC9 looks on a white background.

Color Contrast Check

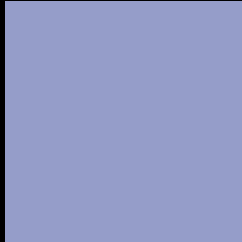
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 959DC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

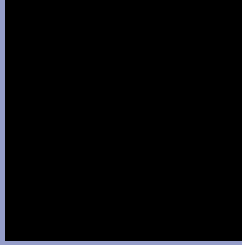
Any Text WCAG AA ✓ Pass

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 959DC9 Background



This preview shows how black text looks on a background with the Hex color 959DC9.



This preview shows how white text looks on a background with the Hex color 959DC9.

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
959DC9

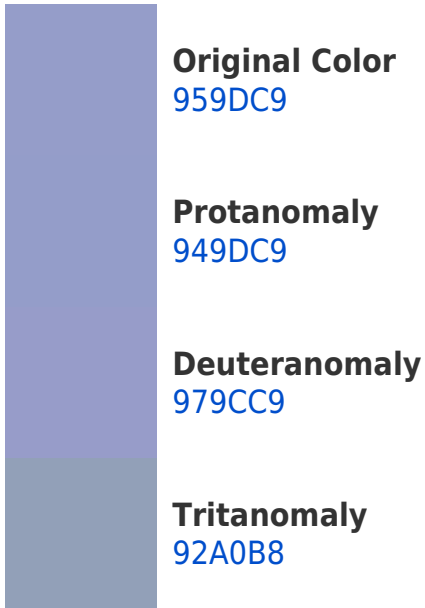
Protanopia
949DC9

Deuteranopia
989CC9

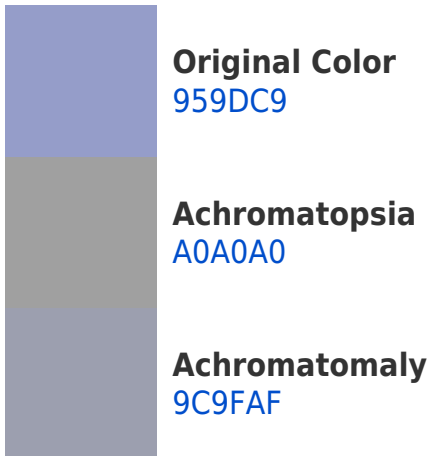


Tritanopia
90A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 959DC9 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 #959DC9 looks like.

```
.text, #text, p{  
    color:#959DC9  
}
```

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 #959DC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #959DC9
}
```

Border

The CSS property to change the border of an element to Hex 959DC9 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
#959DC9 }
```

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

```
.border{ border-color:#959DC9 }
```

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

Here you see how a box with a 4 pixel #959DC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #959DC9; -webkit-box-shadow:4px 4px  
4px 4px #959DC9; box-shadow:4px 4px 4px  
4px #959DC9 }
```

Background

The CSS property to change the background color of an element to Hex 959DC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#959DC9 }
```

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

```
.background{ background-color:#959DC9 }
```

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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