

Converting Colors

Hex(7959B1)

Have a look what the booklet for
Hex(7959B1) contains.

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Color

Hex(7959B1)

Conversions

Conversions Part 1

Format	Color
Hex	7959B1
RGB	121, 89, 177
RGB Percent	47%, 35%, 69%
CMY	0.5255, 0.6510, 0.3059
CMYK	0.32, 0.50, 0.00, 0.31
HSL	262°, 36%, 52%
HSV	262°, 50%, 69%
XYZ	19.3933, 14.3840, 43.3492
YIQ	108.6000, -9.1760, 34.1520

Conversions

Conversions Part 2

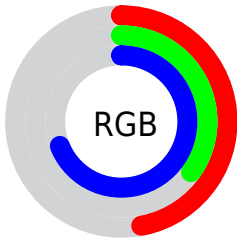
Format	Color
R_{YB}	121, 89, 177
Decimal	7952817
CIE Lab	44.78, 32.38, -42.34
CIE LCh	45, 53.302, 307.407
Yxy	14.3840, 0.2514, 0.1865
Android (android.graphics.Color)	4286142897 (0xFF7959B1)
YUV	108.6000, 33.7212, 10.8748
Hunter-Lab	37.9263, 24.9038, -41.2193

Details

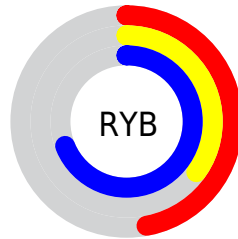
The Hex color **7959B1** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **91B159**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B08CE9**, and **442A7C** is the 20% darker color. If you saturate the color by 10%, you get **6E47B1**, and if you desaturate by 10%, it is **846BB1**.

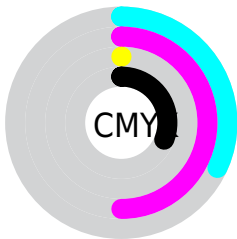
Distribution



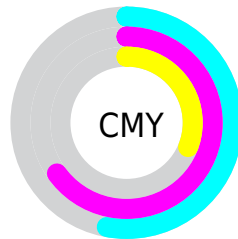
- Red (47%)
- Green (35%)
- Blue (69%)



- Red (47%)
- Yellow (35%)
- Blue (69%)



- Cyan (32%)
- Magenta (50%)
- Yellow (0%)
- Black (31%)



- Cyan (53%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7959B1 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 7959B1 by changing the saturation by 10% instead.

7959B1

7959B1

FFFFFF

5E4196

B08CE9

442A7C

CCA6FF

2A1462

E9C2FF

0D004A

FFDEFF

000033

FFFBFF

00021D

000000

7959B1

7959B1

6E47B1

846BB1

6236B1

907CB1

5724B1

9B8EB1

4C12B1

A6A0B1

4101B1

B1B2B1

4000B1

BDC3B1

C8D5B1

D3E7B1

DEF8B1

Harmonies

Analogous

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



006CC2



7959B1



A7458D

Triad

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



7959B1



9A5B0F



007E74

Complementary

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



7959B1



91B159

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.



007C46



7959B1



756B00

Square

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



7959B1



B24836



46761B



007D9F

Rectangle

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



7959B1



B63D70



46761B



007E65

Sweetspot

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



7959B1



D0C3E6



5992B1



665E73



F2F2F2



737373

Same Dimension

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



7959B1



8E5CE6



A459B1



545059



380099



09001A

Inverse Universe

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



B15991



E65CB3



66B159



595056



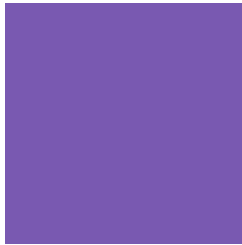
990061



1A0010

Previews

White Background



This preview shows how the Hex color 7959B1 looks on a white background.

Color Contrast Check

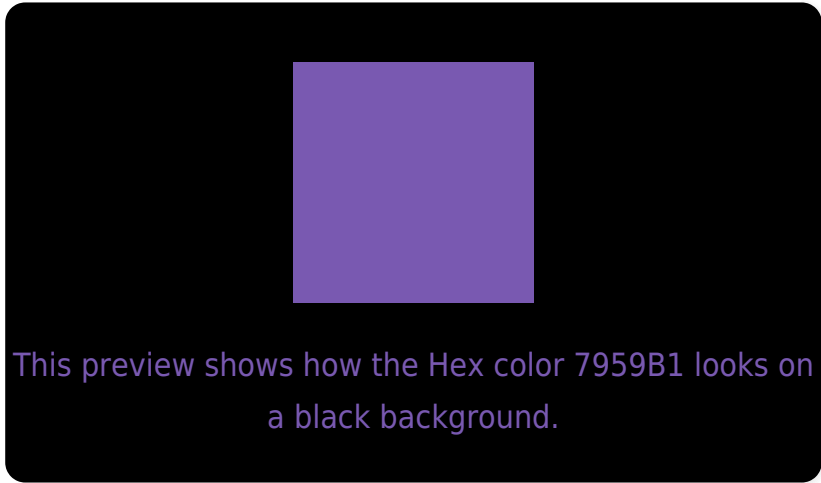
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 7959B1 Background



This preview shows how black text looks on a background with the Hex color 7959B1.

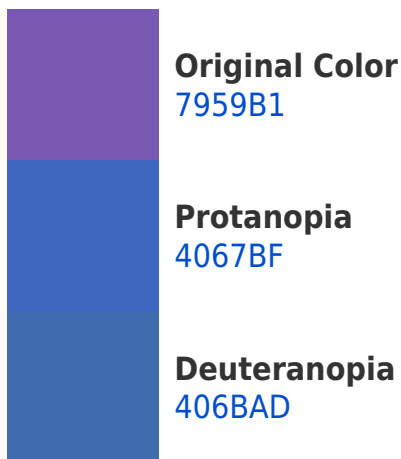



This preview shows how white text looks on a background with the Hex color 7959B1.

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](#).

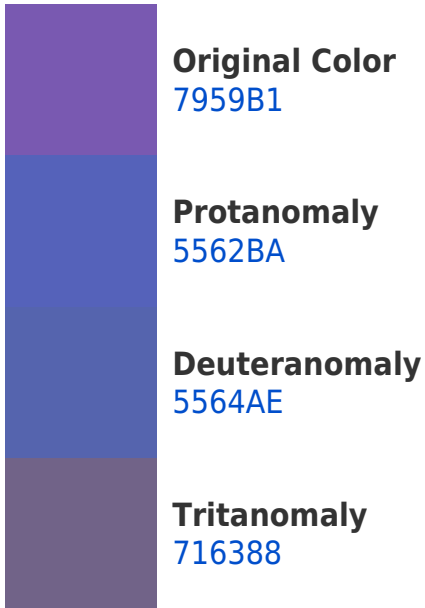
Dichromacy





Tritanopia
6C6871

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7959B1 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 #7959B1 looks like.

```
.text, #text, p{  
    color:#7959B1  
}
```

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 #7959B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7959B1
}
```

Border

The CSS property to change the border of an element to Hex 7959B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

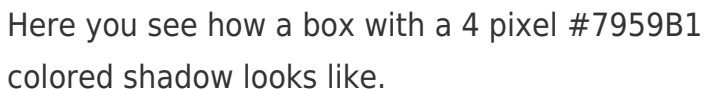
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7959B1 }
```

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

```
.border{ border-color:#7959B1 }
```

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



Here you see how a box with a 4 pixel #7959B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7959B1; -webkit-box-shadow:4px 4px  
4px 4px #7959B1; box-shadow:4px 4px 4px  
4px #7959B1 }
```

Background

The CSS property to change the background color of an element to Hex 7959B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7959B1 }
```

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

```
.background{ background-color:#7959B1 }
```

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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