

Converting Colors

Hex(7C59A6)

Have a look what the booklet for
Hex(7C59A6) contains.

Hex(7C59A6)	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(7C59A6)

Conversions

Conversions Part 1

Format	Color
Hex	7C59A6
RGB	124, 89, 166
RGB Percent	49%, 35%, 65%
CMY	0.5137, 0.6510, 0.3490
CMYK	0.25, 0.46, 0.00, 0.35
HSL	267°, 30%, 50%
HSV	267°, 46%, 65%
XYZ	18.7675, 14.1830, 37.8248
YIQ	108.2430, -3.8570, 31.3670

Conversions

Conversions Part 2

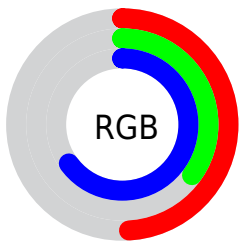
Format	Color
R_{YB}	124, 89, 166
Decimal	8149414
CIE _{Lab}	44.49, 30.41, -36.29
CIE _{LCh}	44, 47.347, 309.954
Yxy	14.1830, 0.2652, 0.2004
Android (android.graphics.Color)	4286339494 (0xFF7C59A6)
YUV	108.2430, 28.4742, 13.8189
Hunter-Lab	37.6603, 23.0473, -33.1867

Details

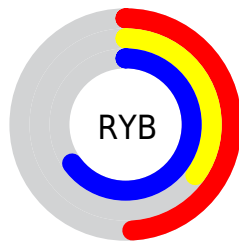
The Hex color **7C59A6** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **83A659**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B28CDD**, and **482A72** is the 20% darker color. If you saturate the color by 10%, you get **7348A6**, and if you desaturate by 10%, it is **856AA6**.

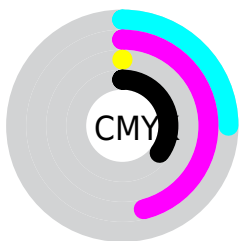
Distribution



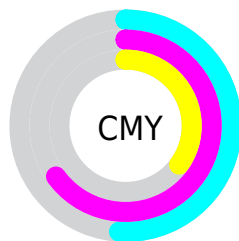
- Red (49%)
- Green (35%)
- Blue (65%)



- Red (49%)
- Yellow (35%)
- Blue (65%)



- Cyan (25%)
- Magenta (46%)
- Yellow (0%)
- Black (35%)



- Cyan (51%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7C59A6 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 7C59A6 by changing the saturation by 10% instead.

7C59A6

7C59A6

FFFFFF

62418B

B28CDD

482A72

CEA6FA

2F1459

EBC2FF

170041

FFDEFF

00002A

FFFAFF

000114

000000

7C59A6

7C59A6

7348A6

856AA6

6A38A6

8E7AA6

6127A6

978BA6

5817A6

A09BA6

4F06A6

A9ACA6

4B00A6

B2BDA6

BBCDA6

C4DEA6

CDEEA6

Harmonies

Analogous

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



2F69B7



7C59A6



A34985

Triad

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



7C59A6



935E1B



007C76

Complementary

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



7C59A6



83A659

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.



007A4D



7C59A6



716B11

Square

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



7C59A6



AA4E38



467528



007B9B

Rectangle

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



7C59A6



AE446B



467528



007C68

Sweetspot

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



7C59A6



C8BAD9



5983A6



635B6E



EDEDED



6E6E6E

Same Dimension

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



7C59A6



975FD9



A259A6



504C54



430094



090014

Inverse Universe

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



A65983



D95FA2



5DA659



544C50



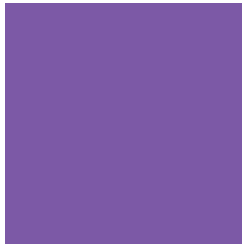
940051



14000B

Previews

White Background



This preview shows how the Hex color 7C59A6 looks on a white background.

Color Contrast Check

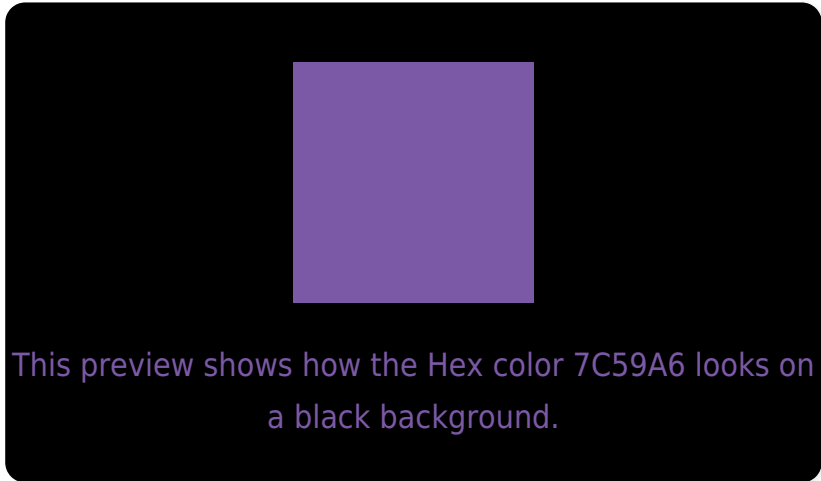
Large Text (above 18pt) WCAG AA ✓ Pass

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

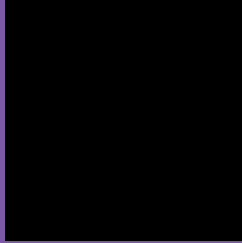
Any Text WCAG AA × Fail

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 7C59A6 Background



This preview shows how black text looks on a background with the Hex color 7C59A6.

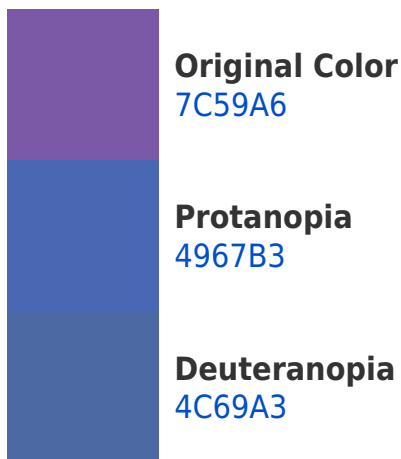


This preview shows how white text looks on a background with the Hex color 7C59A6.

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
72666E

Trichromacy



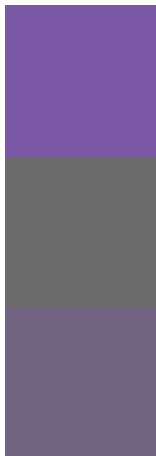
Original Color
7C59A6

Protanomaly
5C62AE

Deuteranomaly
5D63A4

Tritanomaly
766182

Monochromacy



Original Color
7C59A6

Achromatopsia
6C6C6C

Achromatomaly
726581

CSS Examples

Text

The CSS property to change the color of the text to Hex 7C59A6 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 #7C59A6 looks like.

```
.text, #text, p{  
    color:#7C59A6  
}
```

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 #7C59A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C59A6
}
```

Border

The CSS property to change the border of an element to Hex 7C59A6 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
#7C59A6 }
```

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

```
.border{ border-color:#7C59A6 }
```

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

Here you see how a box with a 4 pixel #7C59A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C59A6; -webkit-box-shadow:4px 4px  
4px 4px #7C59A6; box-shadow:4px 4px 4px  
4px #7C59A6 }
```

Background

The CSS property to change the background color of an element to Hex 7C59A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C59A6 }
```

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

```
.background{ background-color:#7C59A6 }
```

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