

Converting Colors

Hex(71509A)

Have a look what the booklet for
Hex(71509A) contains.

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Color

Hex(71509A)

Conversions

Conversions Part 1

Format	Color
Hex	71509A
RGB	113, 80, 154
RGB Percent	44%, 31%, 60%
CMY	0.5569, 0.6863, 0.3961
CMYK	0.27, 0.48, 0.00, 0.40
HSL	267°, 32%, 46%
HSV	267°, 48%, 60%
XYZ	15.5114, 11.5811, 31.9897
YIQ	98.3030, -4.0860, 30.0100

Conversions

Conversions Part 2

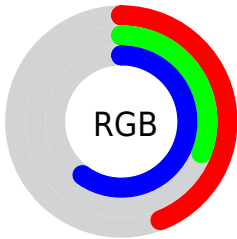
Format	Color
R_{YB}	113, 80, 154
Decimal	7426202
CIE _{Lab}	40.54, 29.52, -35.47
CIE _{LCh}	41, 46.148, 309.769
Yxy	11.5811, 0.2625, 0.1960
Android (android.graphics.Color)	4285616282 (0xFF71509A)
YUV	98.3030, 27.4586, 12.8893
Hunter-Lab	34.0311, 21.8064, -31.9117

Details

The Hex color **71509A** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **799A50**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A782D1**, and **3E2266** is the 20% darker color. If you saturate the color by 10%, you get **68419A**, and if you desaturate by 10%, it is **7A5F9A**.

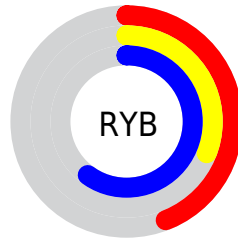
Distribution



Red (44%)

Green (31%)

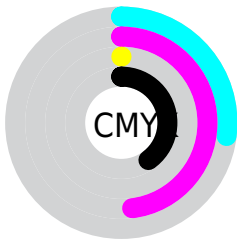
Blue (60%)



Red (44%)

Yellow (31%)

Blue (60%)

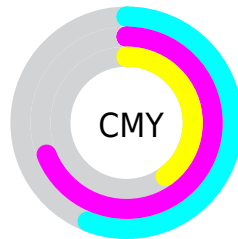


Cyan (27%)

Magenta (48%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (69%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71509A 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 71509A by changing the saturation by 10% instead.

71509A

71509A

FFFFFF

573880

A782D1

3E2266

C29CED

250C4E

DFB7FF

130037

FCD3FF

000220

FFFOFF

000005

000000

71509A

71509A

68419A

7A5F9A

60319A

826F9A

57229A

8B7E9A

4F129A

938E9A

46039A

9C9D9A

45009A

A4AC9A

ADBC9A

B5CB9A

BEDB9A

Harmonies

Analogous

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



2260AA



71509A



96407B

Triad

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



71509A



875413



00716B

Complementary

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



71509A



799A50

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.



007044



71509A



676207

Square

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



71509A



9D4531



3E6B21



00708F

Rectangle

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



71509A



A23B61



3E6B21



00715E

Sweetspot

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



71509A



BAADC9



507A9A



5C5566



E6E6E6



666666

Same Dimension

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



71509A



8955C9



95509A



48454D



3F008C



06000D

Inverse Universe

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



9A5079



C95595



559A50



4D4549



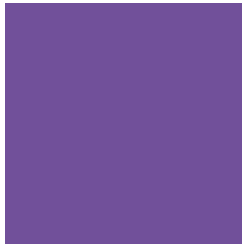
8C004E



0D0007

Previews

White Background



This preview shows how the Hex color 71509A looks on a white background.

Color Contrast Check

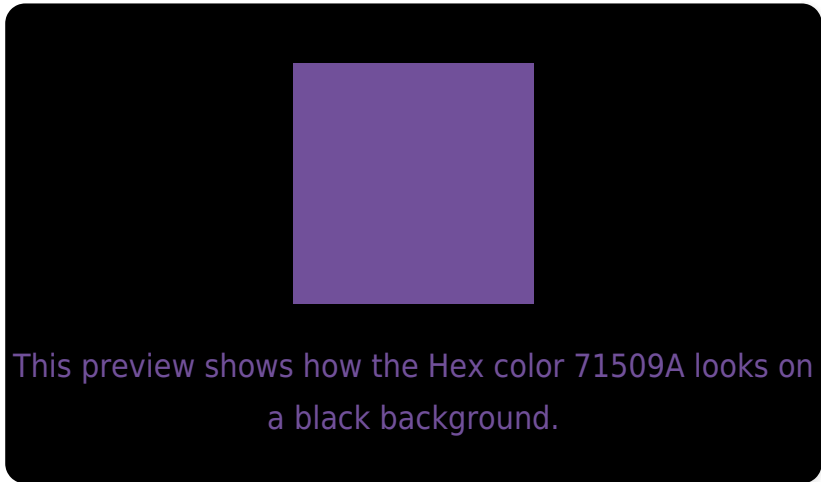
Large Text (above 18pt) WCAG AA ✓ Pass

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

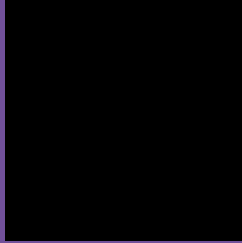
Any Text WCAG AA × Fail

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 71509A Background



This preview shows how black text looks on a background with the Hex color 71509A.

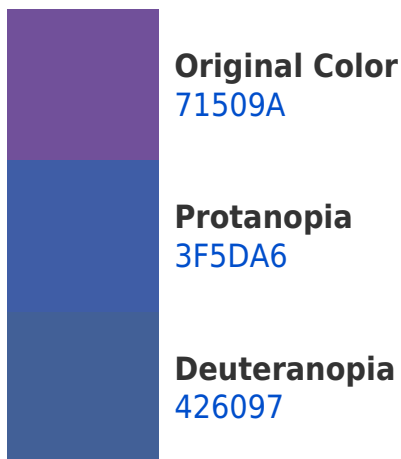


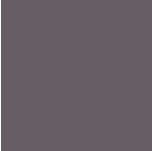
This preview shows how white text looks on a background with the Hex color 71509A.

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](#).

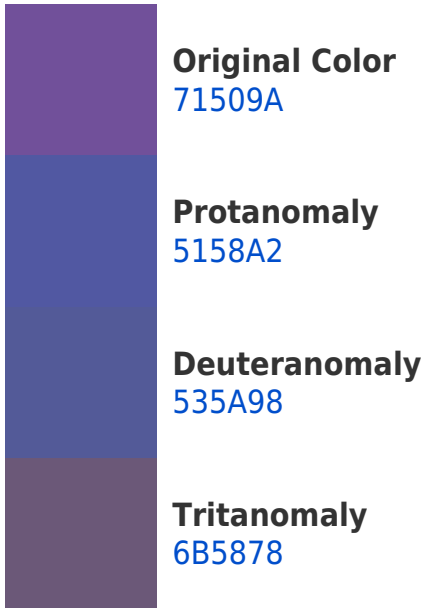
Dichromacy



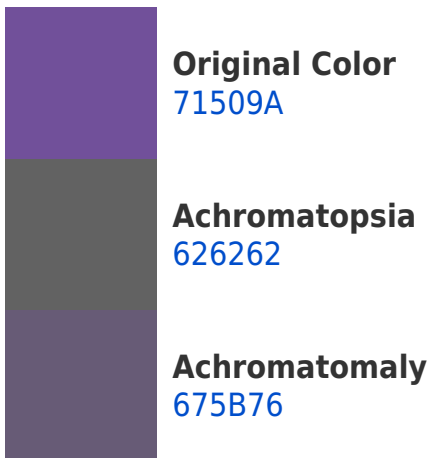


Tritanopia
675D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 71509A 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 #71509A looks like.

```
.text, #text, p{  
    color:#71509A  
}
```

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 #71509A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71509A
}
```

Border

The CSS property to change the border of an element to Hex 71509A is called "border". The border property can be set on classes, ids or directly on the HTML element.

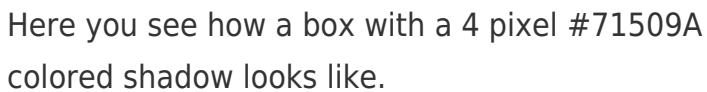
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71509A }
```

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

```
.border{ border-color:#71509A }
```

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



Here you see how a box with a 4 pixel #71509A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71509A; -webkit-box-shadow:4px 4px  
4px 4px #71509A; box-shadow:4px 4px 4px  
4px #71509A }
```

Background

The CSS property to change the background color of an element to Hex 71509A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71509A }
```

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

```
.background{ background-color:#71509A }
```

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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