

Converting Colors

Hex(71779A)

Have a look what the booklet for
Hex(71779A) contains.

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Color

Hex(71779A)

Conversions

Conversions Part 1

Format	Color
Hex	71779A
RGB	113, 119, 154
RGB Percent	44%, 47%, 60%
CMY	0.5569, 0.5333, 0.3961
CMYK	0.27, 0.23, 0.00, 0.40
HSL	231°, 17%, 52%
HSV	231°, 27%, 60%
XYZ	19.2396, 19.0375, 33.2324
YIQ	121.1960, -14.8110, 9.6130

Conversions

Conversions Part 2

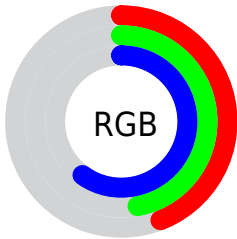
Format	Color
R_{YB}	113, 118, 154
Decimal	7436186
CIE _{Lab}	50.73, 5.94, -19.60
CIE _{LCh}	51, 20.485, 286.867
Yxy	19.0375, 0.2690, 0.2662
Android (android.graphics.Color)	4285626266 (0xFF71779A)
YUV	121.1960, 16.1724, -7.1879
Hunter-Lab	43.6319, 2.3541, -14.6161

Details

The Hex color **71779A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A9471**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A6ABD0**, and **404767** is the 20% darker color. If you saturate the color by 10%, you get **626A9A**, and if you desaturate by 10%, it is **80849A**.

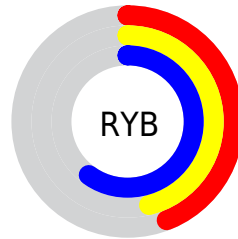
Distribution



Red (44%)

Green (47%)

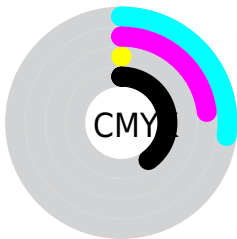
Blue (60%)



Red (44%)

Yellow (46%)

Blue (60%)

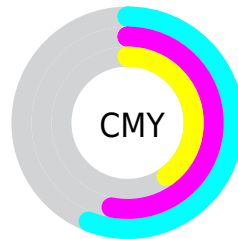


Cyan (27%)

Magenta (23%)

Yellow (0%)

Black (40%)



Cyan (56%)

Magenta (53%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71779A 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 71779A by changing the saturation by 10% instead.

■ 71779A

■ 71779A

FFFFFF

■ 585E80

■ A6ABD0

■ 404767

■ C1C6ED

■ 29304F

■ DDE2FF

■ 111C38

■ FAFFFF

■ 000022

■ 000009

■ 000000

■ 71779A

■ 71779A

■ 626A9A

■ 80849A

■ 525D9A

■ 90919A

■ 43509A

■ 9F9E9A

■ 33429A

■ AFAC9A

■ 24359A

■ BEB99A

■ 15289A

■ CDC69A

■ 051B9A

■ DDD39A

■ 00179A

■ ECE09A

■ FCED9A

Harmonies

Analogous

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



597D9A



71779A



877191

Triad

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



71779A



987060



548270

Complementary

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



71779A



9A9471

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.



677F60



71779A



8C7557

Square

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



71779A



9C6C6F



7B7B57



468382

Rectangle

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



71779A



936E87



7B7B57



5A816B

Sweetspot

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



71779A



B9BCC9



719A94



5C5D66



E6E6E6



666666

Same Dimension

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



71779A



8992C9



7F719A



45464D



00158C



00020D

Inverse Universe

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



9A7177



C98992



8C9A71



4D4546



8C0015



0D0002

Previews

White Background



This preview shows how the Hex color 71779A looks on a white background.

Color Contrast Check

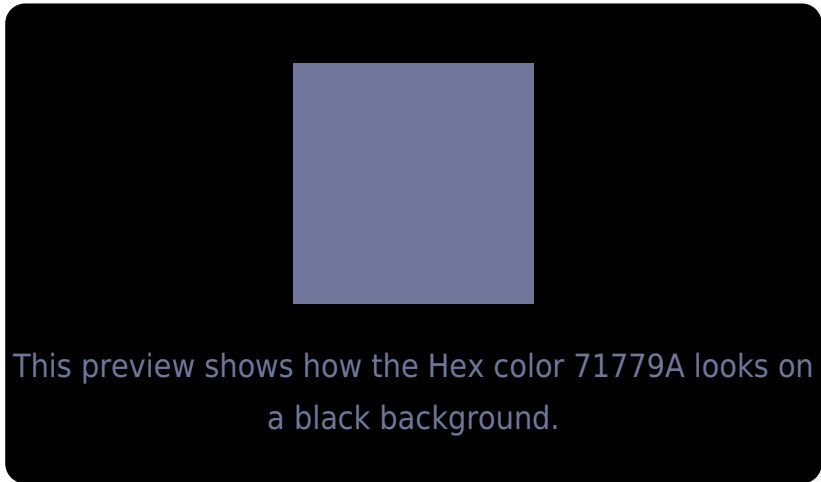
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

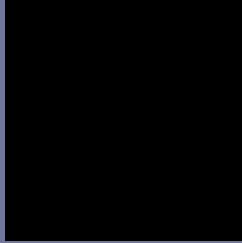
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

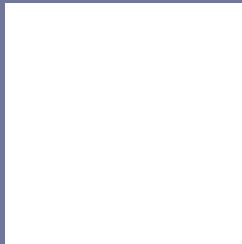
Any Text WCAG AAA × Fail

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

Hex 71779A Background



This preview shows how black text looks on a background with the Hex color 71779A.



This preview shows how white text looks on a background with the Hex color 71779A.

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
71779A

Protanopia
70779A

Deuteranopia
73769A



Tritanopia
6D7B85

Trichromacy



Original Color

71779A

Protanomaly

70779A

Deuteranomaly

72769A

Tritanomaly

6E7A8D

Monochromacy



Original Color

71779A

Achromatopsia

797979

Achromatomaly

767885

CSS Examples

Text

The CSS property to change the color of the text to Hex 71779A 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 #71779A looks like.

```
.text, #text, p{  
    color:#71779A  
}
```

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 #71779A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71779A
}
```

Border

The CSS property to change the border of an element to Hex 71779A 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
#71779A }
```

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

```
.border{ border-color:#71779A }
```

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

Here you see how a box with a 4 pixel #71779A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71779A; -webkit-box-shadow:4px 4px  
4px 4px #71779A; box-shadow:4px 4px 4px  
4px #71779A }
```

Background

The CSS property to change the background color of an element to Hex 71779A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71779A }
```

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

```
.background{ background-color:#71779A }
```

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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