

Converting Colors

Hex(70619F)

Have a look what the booklet for
Hex(70619F) contains.

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Color

Hex(70619F)

Conversions

Conversions Part 1

Format	Color
Hex	70619F
RGB	112, 97, 159
RGB Percent	44%, 38%, 62%
CMY	0.5608, 0.6196, 0.3765
CMYK	0.30, 0.39, 0.00, 0.38
HSL	255°, 24%, 50%
HSV	255°, 39%, 62%
XYZ	17.2148, 14.4973, 34.6918
YIQ	108.5530, -10.9620, 22.4620

Conversions

Conversions Part 2

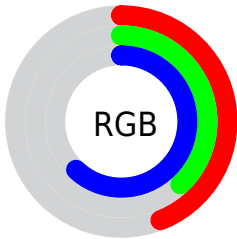
Format	Color
R_{YB}	112, 97, 159
Decimal	7365023
CIE _{Lab}	44.94, 20.23, -31.54
CIE _{LCh}	45, 37.467, 302.682
Yxy	14.4973, 0.2592, 0.2183
Android (android.graphics.Color)	4285555103 (0xFF70619F)
YUV	108.5530, 24.8704, 3.0230
Hunter-Lab	38.0754, 14.0723, -27.3685

Details

The Hex color **70619F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **909F61**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A594D6**, and **3E326B** is the 20% darker color. If you saturate the color by 10%, you get **64519F**, and if you desaturate by 10%, it is **7C719F**.

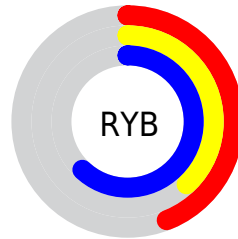
Distribution



Red (44%)

Green (38%)

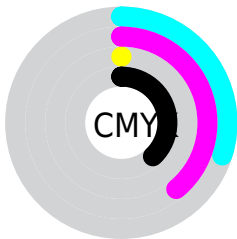
Blue (62%)



Red (44%)

Yellow (38%)

Blue (62%)

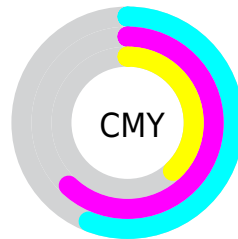


Cyan (30%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (56%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70619F 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 70619F by changing the saturation by 10% instead.

70619F

70619F

FFFFFF

574985

A594D6

3E326B

C1AEF3

251D53

DDCAFF

0C073B

FAE6FF

000225

00010D

000000

70619F

70619F

64519F

7C719F

■ 58419F

■ 88819F

■ 4C319F

■ 94919F

■ 40219F

■ A0A19F

■ 34119F

■ ACB19F

■ 28029F

■ B8C09F

■ 26009F

■ C4D09F

■ D0E09F

■ DCF09F

Harmonies

Analogous

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



366DA9



70619F



935588

Triad

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



70619F



935E33



007A6C

Complementary

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



70619F



909F61

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.



2F784C



70619F



7A6A29

Square

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



70619F



A2544A



5A7233



00798B

Rectangle

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



70619F



A05073



5A7233



007A61

Sweetspot

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



70619F



BCB6CF



61919F



5D5A69



E8E8E8



696969

Same Dimension

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



70619F



856DCF



8E619F



49474F



23008F



04000F

Inverse Universe

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



9F6190



CF6DB7



729F61



4F474D



8F006C



0F000C

Previews

White Background



This preview shows how the Hex color 70619F looks on a white background.

Color Contrast Check

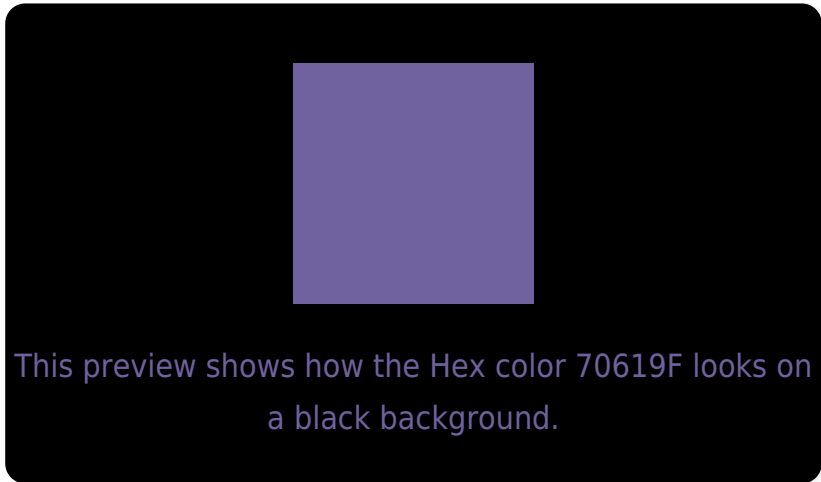
Large Text (above 18pt) WCAG AA ✓ Pass

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

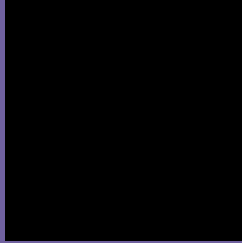
Any Text WCAG AA × Fail

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 70619F Background



This preview shows how black text looks on a background with the Hex color 70619F.

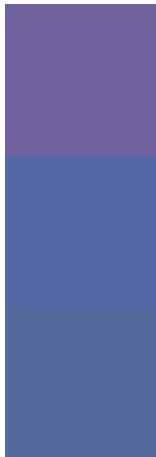


This preview shows how white text looks on a background with the Hex color 70619F.

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
70619F

Protanopia
5468A5

Deuteranopia
546A9D



Tritanopia
676A73

Trichromacy



Original Color
70619F

Protanomaly
5E65A3

Deuteranomaly
5E679E

Tritanomaly
6A6783

Monochromacy



Original Color
70619F

Achromatopsia
6D6D6D

Achromatomaly
6E697F

CSS Examples

Text

The CSS property to change the color of the text to Hex 70619F 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 #70619F looks like.

```
.text, #text, p{  
    color:#70619F  
}
```

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 #70619F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70619F
}
```

Border

The CSS property to change the border of an element to Hex 70619F is called "border". The border property can be set on classes, ids or directly on the HTML element.

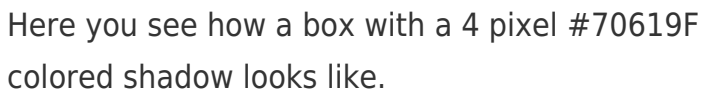
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70619F }
```

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

```
.border{ border-color:#70619F }
```

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



Here you see how a box with a 4 pixel #70619F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70619F; -webkit-box-shadow:4px 4px  
4px 4px #70619F; box-shadow:4px 4px 4px  
4px #70619F }
```

Background

The CSS property to change the background color of an element to Hex 70619F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70619F }
```

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

```
.background{ background-color:#70619F }
```

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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