

Converting Colors

Hex(70689A)

Have a look what the booklet for
Hex(70689A) contains.

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Color

Hex(70689A)

Conversions

Conversions Part 1

Format	Color
Hex	70689A
RGB	112, 104, 154
RGB Percent	44%, 41%, 60%
CMY	0.5608, 0.5922, 0.3961
CMYK	0.27, 0.32, 0.00, 0.40
HSL	250°, 20%, 51%
HSV	250°, 32%, 60%
XYZ	17.4651, 15.6785, 32.6776
YIQ	112.0920, -11.2820, 17.2460

Conversions

Conversions Part 2

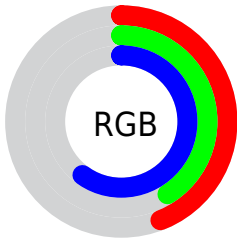
Format	Color
R_{YB}	112, 104, 154
Decimal	7366810
CIE _{Lab}	46.55, 14.65, -26.06
CIE _{LCh}	47, 29.894, 299.340
Yxy	15.6785, 0.2653, 0.2382
Android (android.graphics.Color)	4285556890 (0xFF70689A)
YUV	112.0920, 20.6606, -0.0807
Hunter-Lab	39.5960, 9.4402, -21.2133

Details

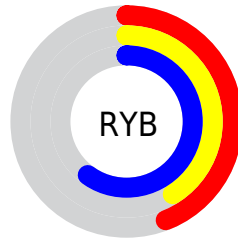
The Hex color **70689A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **929A68**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **A59BD1**, and **3E3967** is the 20% darker color. If you saturate the color by 10%, you get **63599A**, and if you desaturate by 10%, it is **7D779A**.

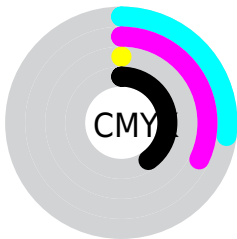
Distribution



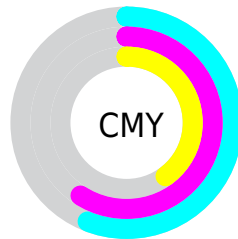
- Red (44%)
- Green (41%)
- Blue (60%)



- Red (44%)
- Yellow (41%)
- Blue (60%)



- Cyan (27%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (56%)
- Magenta (59%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70689A 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 70689A by changing the saturation by 10% instead.

■ 70689A

■ 70689A

FFFFFF

■ 575080

■ A59BD1

■ 3E3967

■ C0B6ED

■ 27234E

■ DCD2FF

■ 0F0F37

■ F9EEFF

■ 000222

■ 000007

■ 000000

■ 70689A

■ 70689A

■ 63599A

■ 7D779A

■ 56499A

■ 8A879A

■ 493A9A

■ 97969A

■ 3C2A9A

■ A4A69A

■ 2F1B9A

■ B1B59A

■ 220C9A

■ BEC49A

■ 19009A

■ CBD49A

■ D7E39A

■ E4F39A

Harmonies

Analogous

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



4771A0



70689A



8D5F88

Triad

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



70689A



936444



207B6D

Complementary

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



70689A



929A68

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.



477954



70689A



7F6D3C

Square

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



70689A



9E5D57



657442



007B86

Rectangle

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



70689A



995B78



657442



2F7B64

Sweetspot

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



70689A



B9B5C9



68939A



5C5A66



E6E6E6



666666

Same Dimension

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



70689A



877BC9



89689A



46454D



16008C



02000D

Inverse Universe

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



9A6892



C97BBD



799A68



4D454B



8C0076



0D000B

Previews

White Background



This preview shows how the Hex color 70689A looks on a white background.

Color Contrast Check

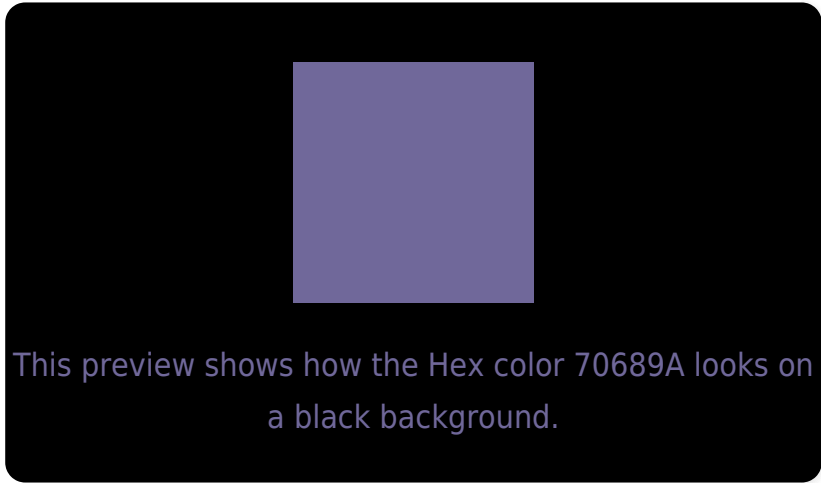
Large Text (above 18pt) WCAG AA ✓ Pass

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

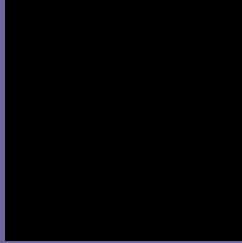
Any Text WCAG AA × Fail

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 70689A Background



This preview shows how black text looks on a background with the Hex color 70689A.

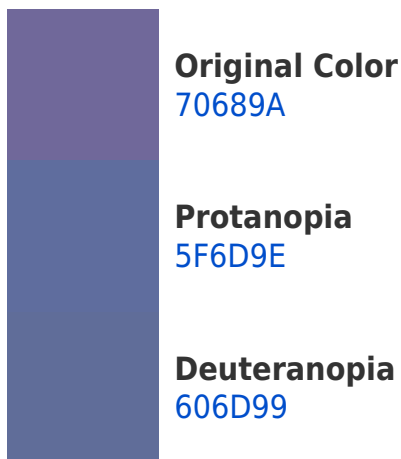



This preview shows how white text looks on a background with the Hex color 70689A.

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
696F78

Trichromacy



Original Color
70689A

Protanomaly
656B9D

Deuteranomaly
666B99

Tritanomaly
6C6C84

Monochromacy



Original Color
70689A

Achromatopsia
707070

Achromatomaly
706D7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 70689A 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 #70689A looks like.

```
.text, #text, p{  
    color:#70689A  
}
```

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 #70689A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70689A
}
```

Border

The CSS property to change the border of an element to Hex 70689A 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
#70689A }
```

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

```
.border{ border-color:#70689A }
```

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

Here you see how a box with a 4 pixel #70689A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70689A; -webkit-box-shadow:4px 4px  
4px 4px #70689A; box-shadow:4px 4px 4px  
4px #70689A }
```

Background

The CSS property to change the background color of an element to Hex 70689A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70689A }
```

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

```
.background{ background-color:#70689A }
```

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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