

Converting Colors

Hex(67679A)

Have a look what the booklet for
Hex(67679A) contains.

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Color

Hex(67679A)

Conversions

Conversions Part 1

Format	Color
Hex	67679A
RGB	103, 103, 154
RGB Percent	40%, 40%, 60%
CMY	0.5961, 0.5961, 0.3961
CMYK	0.33, 0.33, 0.00, 0.40
HSL	240°, 20%, 50%
HSV	240°, 33%, 60%
XYZ	16.2765, 14.9172, 32.5933
YIQ	108.8140, -16.3710, 15.8610

Conversions

Conversions Part 2

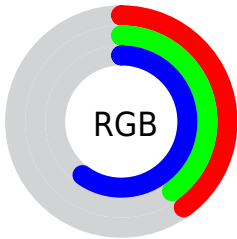
Format	Color
R_{YB}	103, 103, 154
Decimal	6776730
CIE _{Lab}	45.52, 12.48, -27.72
CIE _{LCh}	46, 30.400, 294.246
Yxy	14.9172, 0.2552, 0.2339
Android (android.graphics.Color)	4284966810 (0xFF67679A)
YUV	108.8140, 22.2767, -5.0989
Hunter-Lab	38.6227, 7.6342, -22.9982

Details

The Hex color **67679A** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9A9A67**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **9C9AD1**, and **353867** is the 20% darker color. If you saturate the color by 10%, you get **58589A**, and if you desaturate by 10%, it is **76769A**.

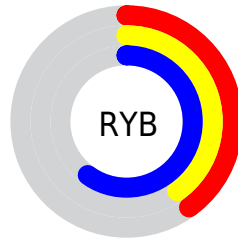
Distribution



Red (40%)

Green (40%)

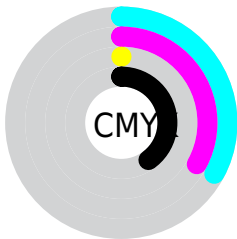
Blue (60%)



Red (40%)

Yellow (40%)

Blue (60%)

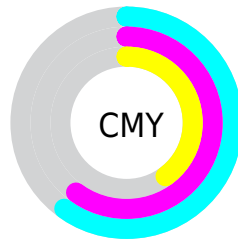


Cyan (33%)

Magenta (33%)

Yellow (0%)

Black (40%)



Cyan (60%)

Magenta (60%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67679A 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 67679A by changing the saturation by 10% instead.

■ 67679A

■ 67679A

FFFFFF

■ 4E4F80

■ 9C9AD1

■ 353867

■ B7B5ED

■ 1D234E

■ D3D0FF

■ 030E37

■ EFEDFF

■ 000221

■ 000007

■ 000000

■ 67679A

■ 67679A

■ 58589A

■ 76769A

48489A

86869A

39399A

95959A

29299A

A5A59A

1A1A9A

B4B49A

0B0B9A

C3C39A

00009A

D3D39A

E2E29A

F2F29A

Harmonies

Analogous

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



3A709E



67679A



875E8A

Triad

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



67679A



936043



227966

Complementary

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



67679A



9A9A67

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.



49764D



67679A



806939

Square

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



67679A



9C5958



67713C



007980

Rectangle

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



67679A



94597A



67713C



31785D

Sweetspot

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



67679A



B5B5C9



679A9A



5A5A66



E6E6E6



666666

Same Dimension

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



67679A



7979C9



81679A



45454D



00008C



00000D

Inverse Universe

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



9A679A



C979C9



819A67



4D454D



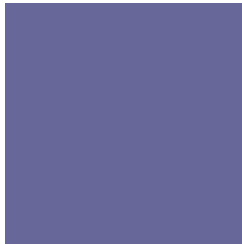
8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 67679A looks on a white background.

Color Contrast Check

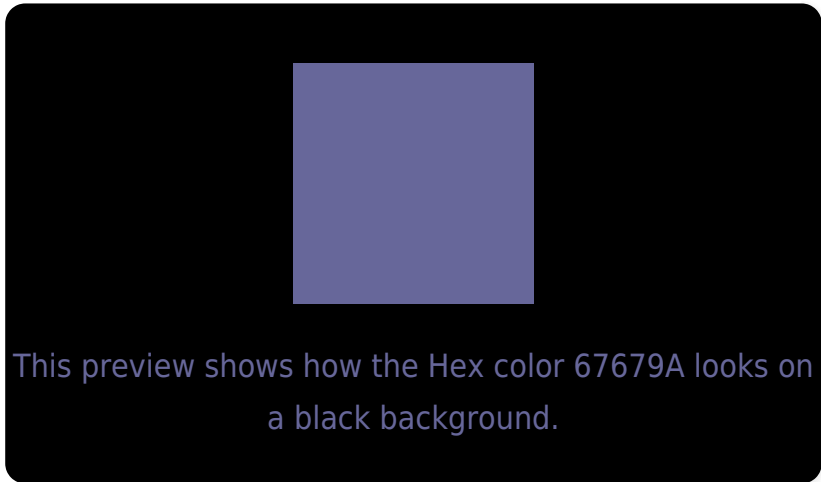
Large Text (above 18pt) WCAG AA ✓ Pass

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

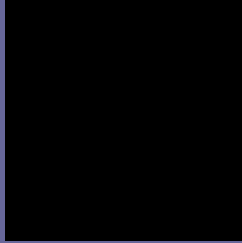
Any Text WCAG AA × Fail

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 67679A Background



This preview shows how black text looks on a background with the Hex color 67679A.

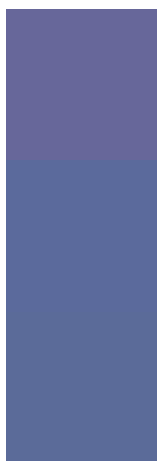


This preview shows how white text looks on a background with the Hex color 67679A.

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
67679A

Protanopia
5B6A9C

Deuteranopia
5B6B99



Tritanopia
5F6E77

Trichromacy



Original Color
67679A

Protanomaly
5F699B

Deuteranomaly
5F6A99

Tritanomaly
626B84

Monochromacy



Original Color
67679A

Achromatopsia
6D6D6D

Achromatomaly
6B6B7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 67679A 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 #67679A looks like.

```
.text, #text, p{  
  color:#67679A  
}
```

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 #67679A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67679A
}
```

Border

The CSS property to change the border of an element to Hex 67679A 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
#67679A }
```

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

```
.border{ border-color:#67679A }
```

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

Here you see how a box with a 4 pixel #67679A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67679A; -webkit-box-shadow:4px 4px  
4px 4px #67679A; box-shadow:4px 4px 4px  
4px #67679A }
```

Background

The CSS property to change the background color of an element to Hex 67679A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67679A }
```

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

```
.background{ background-color:#67679A }
```

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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