

Converting Colors

Hex(6A739F)

Have a look what the booklet for
Hex(6A739F) contains.

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Color

Hex(6A739F)

Conversions

Conversions Part 1

Format	Color
Hex	6A739F
RGB	106, 115, 159
RGB Percent	42%, 45%, 62%
CMY	0.5843, 0.5490, 0.3765
CMYK	0.33, 0.28, 0.00, 0.38
HSL	230°, 22%, 52%
HSV	230°, 33%, 62%
XYZ	18.3326, 17.8288, 35.2760
YIQ	117.3250, -19.4880, 11.7760

Conversions

Conversions Part 2

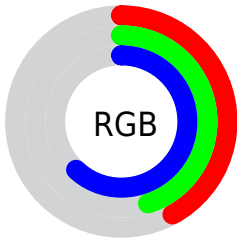
Format	Color
R_{YB}	106, 114, 159
Decimal	6976415
CIE Lab	49.29, 7.48, -24.80
CIE LCh	49, 25.900, 286.778
Yxy	17.8288, 0.2566, 0.2496
Android (android.graphics.Color)	4285166495 (0xFF6A739F)
YUV	117.3250, 20.5458, -9.9320
Hunter-Lab	42.2242, 3.6075, -19.9765

Details

The Hex color **6A739F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F966A**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9FA7D6**, and **38436B** is the 20% darker color. If you saturate the color by 10%, you get **5A669F**, and if you desaturate by 10%, it is **7A809F**.

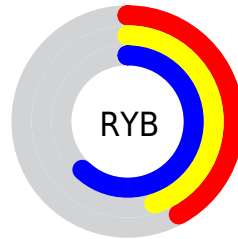
Distribution



Red (42%)

Green (45%)

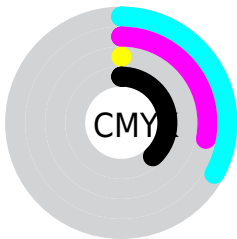
Blue (62%)



Red (42%)

Yellow (45%)

Blue (62%)

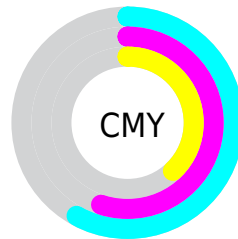


Cyan (33%)

Magenta (28%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (55%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A739F 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 6A739F by changing the saturation by 10% instead.



6A739F



6A739F

FFFFFF



515B85



9FA7D6



38436B



BAC2F2



202D53



D6DEFF



04193C



F3FAFF



000026



00010F



000000



6A739F



6A739F



5A669F



7A809F

■ 4A599F

■ 8A8D9F

■ 3A4B9F

■ 9A9B9F

■ 2A3E9F

■ AAA89F

■ 1B319F

■ BAB59F

■ 0B249F

■ C9C29F

■ 001B9F

■ D9CF9F

■ E9DD9F

■ F9EA9F

Harmonies

Analogous

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



477A9F



6A739F



876B93

Triad

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



6A739F



9B6956



44806A

Complementary

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



6A739F



9F966A

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.



5F7D56



6A739F



8D704B

Square

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



6A739F



A1656A



78784B



2C8181

Rectangle

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



6A739F



956787



78784B



4D8063

Sweetspot

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



6A739F



BABDCF



6A9F95



5C5E69



E8E8E8



696969

Same Dimension

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



6A739F



7C8ACF



7B6A9F



47484F



00188F



00030F

Inverse Universe

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



9F6A73



CF7C8A



8E9F6A



4F4748



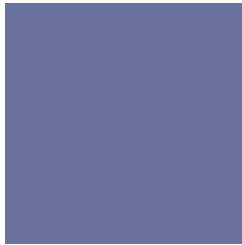
8F0018



0F0003

Previews

White Background



This preview shows how the Hex color 6A739F looks on a white background.

Color Contrast Check

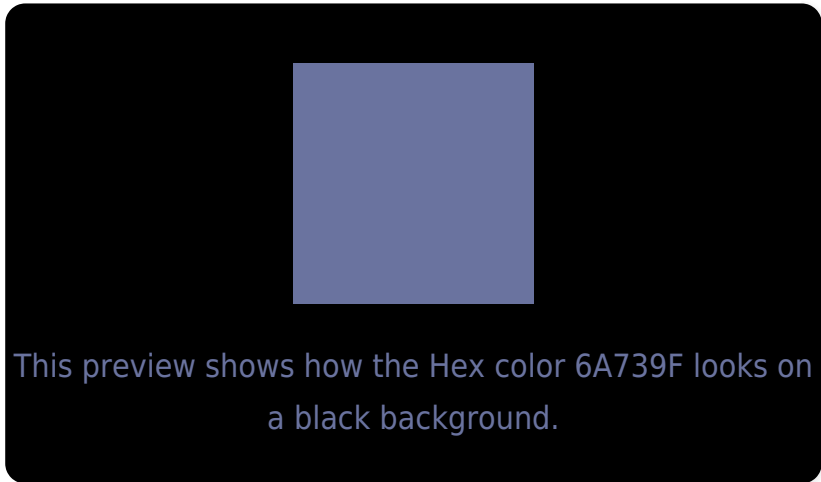
Large Text (above 18pt) WCAG AA ✓ Pass

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

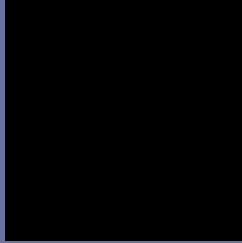
Any Text WCAG AA ✓ Pass

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 6A739F Background



This preview shows how black text looks on a background with the Hex color 6A739F.



This preview shows how white text looks on a background with the Hex color 6A739F.

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
6A739F

Protanopia
68739F

Deuteranopia
69739F



Tritanopia
647882

Trichromacy



Original Color
6A739F

Protanomaly
69739F

Deuteranomaly
69739F

Tritanomaly
66768D

Monochromacy



Original Color
6A739F

Achromatopsia
757575

Achromatomaly
717484

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A739F 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 #6A739F looks like.

```
.text, #text, p{  
    color:#6A739F  
}
```

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 #6A739F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A739F
}
```

Border

The CSS property to change the border of an element to Hex 6A739F 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
#6A739F }
```

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

```
.border{ border-color:#6A739F }
```

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

Here you see how a box with a 4 pixel #6A739F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A739F; -webkit-box-shadow:4px 4px  
4px 4px #6A739F; box-shadow:4px 4px 4px  
4px #6A739F }
```

Background

The CSS property to change the background color of an element to Hex 6A739F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A739F }
```

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

```
.background{ background-color:#6A739F }
```

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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