

Converting Colors

Hex(6F71AE)

Have a look what the booklet for
Hex(6F71AE) contains.

Hex(6F71AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6F71AE)

Conversions

Conversions Part 1

Format	Color
Hex	6F71AE
RGB	111, 113, 174
RGB Percent	44%, 44%, 68%
CMY	0.5647, 0.5569, 0.3176
CMYK	0.36, 0.35, 0.00, 0.32
HSL	238°, 28%, 56%
HSV	238°, 36%, 68%
XYZ	20.1007, 18.2458, 42.5068
YIQ	119.3560, -20.7730, 18.5470

Conversions

Conversions Part 2

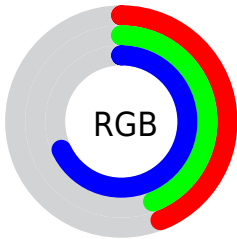
Format	Color
R_{YB}	111, 113, 174
Decimal	7303598
CIE _{Lab}	49.79, 14.30, -32.74
CIE _{LCh}	50, 35.724, 293.602
Yxy	18.2458, 0.2486, 0.2257
Android (android.graphics.Color)	4285493678 (0xFF6F71AE)
YUV	119.3560, 26.9395, -7.3282
Hunter-Lab	42.7150, 9.2464, -29.1004

Details

The Hex color **6F71AE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AEAC6F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A5A5E6**, and **3C4179** is the 20% darker color. If you saturate the color by 10%, you get **5E60AE**, and if you desaturate by 10%, it is **8082AE**.

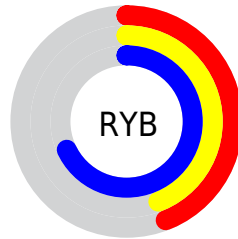
Distribution



Red (44%)

Green (44%)

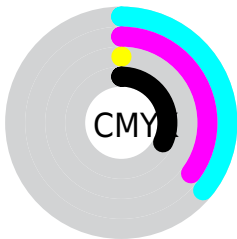
Blue (68%)



Red (44%)

Yellow (44%)

Blue (68%)

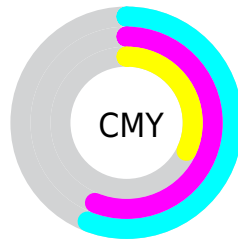


Cyan (36%)

Magenta (35%)

Yellow (0%)

Black (32%)



Cyan (56%)

Magenta (56%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6F71AE 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 6F71AE by changing the saturation by 10% instead.

■ 6F71AE

■ 6F71AE

FFFFFF

■ 555993

■ A5A5E6

■ 3C4179

■ C0C0FF

■ 222B60

■ DDDCFE

■ 021748

■ FAF8FF

■ 000031

■ 00011B

■ 000000

■ 6F71AE

■ 6F71AE

■ 5E60AE

■ 8082AE

■ 4C4FAE

■ 9293AE

■ 3B3EAE

■ A3A4AE

■ 292EAE

■ B5B4AE

■ 181DAE

■ C6C5AE

■ 070CAE

■ D7D6AE

■ 0006AE

■ E9E7AE

■ FAF8AE

■ FFFFAE

Harmonies

Analogous

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



347CB2



6F71AE



96669B

Triad

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



6F71AE



A56847



14866F

Complementary

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



6F71AE



AEAC6F

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.



4D8251



6F71AE



8F7239

Square

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



6F71AE



B05F60



717C3D



00868E

Rectangle

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



6F71AE



A66088



717C3D



2D8564

Sweetspot

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



6F71AE



CACBE3



6FAEAC



646473



F2F2F2



737373

Same Dimension

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



6F71AE



8184E3



8C6FAE



4E4E57



000596



000117

Inverse Universe

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



AE6F71



E38184



91AE6F



574E4E



960005



170001

Previews

White Background



This preview shows how the Hex color 6F71AE looks on a white background.

Color Contrast Check

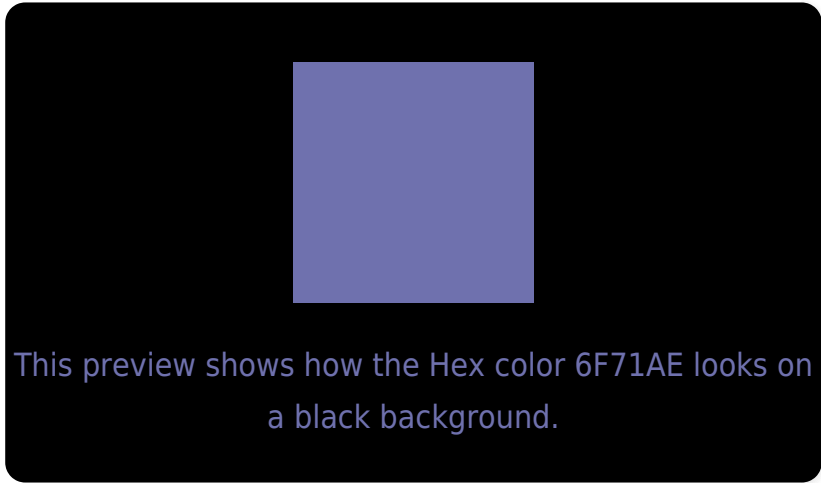
Large Text (above 18pt) WCAG AA ✓ Pass

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

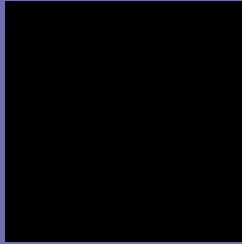
Any Text WCAG AA ✓ Pass

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 6F71AE Background



This preview shows how black text looks on a background with the Hex color 6F71AE.

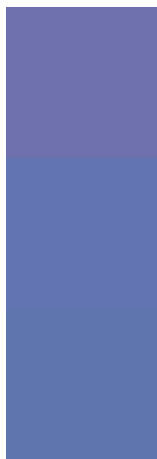


This preview shows how white text looks on a background with the Hex color 6F71AE.

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
6F71AE

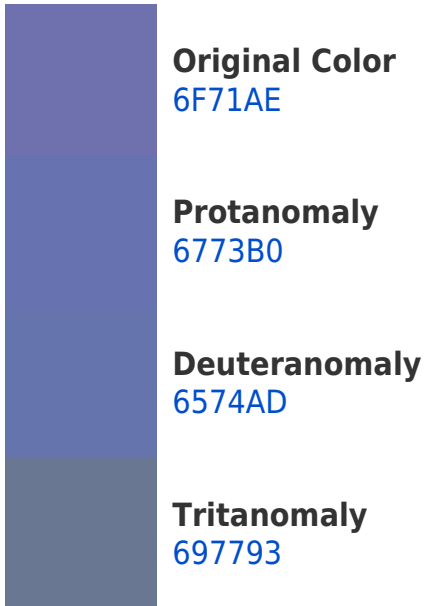
Protanopia
6274B1

Deuteranopia
5F75AD

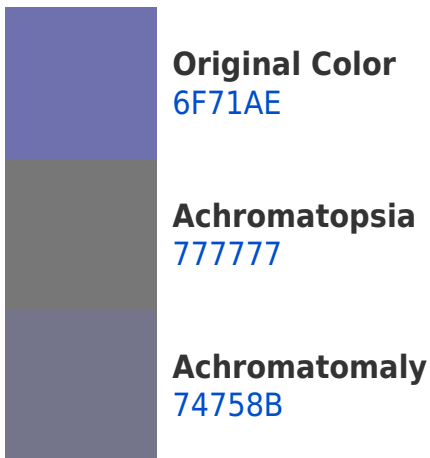


Tritanopia
657A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6F71AE 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 #6F71AE looks like.

```
.text, #text, p{  
    color:#6F71AE  
}
```

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 #6F71AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F71AE
}
```

Border

The CSS property to change the border of an element to Hex 6F71AE 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
#6F71AE }
```

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

```
.border{ border-color:#6F71AE }
```

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

Here you see how a box with a 4 pixel #6F71AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F71AE; -webkit-box-shadow:4px 4px  
4px 4px #6F71AE; box-shadow:4px 4px 4px  
4px #6F71AE }
```

Background

The CSS property to change the background color of an element to Hex 6F71AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F71AE }
```

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

```
.background{ background-color:#6F71AE }
```

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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