

Converting Colors

Hex(717AAE)

Have a look what the booklet for
Hex(717AAE) contains.

Hex(717AAE)	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(717AAE)

Conversions

Conversions Part 1

Format	Color
Hex	717AAE
RGB	113, 122, 174
RGB Percent	44%, 48%, 68%
CMY	0.5569, 0.5216, 0.3176
CMYK	0.35, 0.30, 0.00, 0.32
HSL	231°, 27%, 56%
HSV	231°, 35%, 68%
XYZ	21.4096, 20.4858, 42.8701
YIQ	125.2370, -22.0560, 14.2640

Conversions

Conversions Part 2

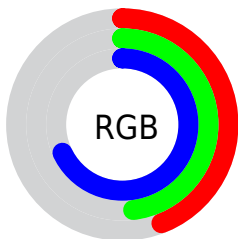
Format	Color
R_{YB}	113, 121, 174
Decimal	7436974
CIE _{Lab}	52.38, 9.47, -28.69
CIE _{LCh}	52, 30.211, 288.275
Yxy	20.4858, 0.2526, 0.2417
Android (android.graphics.Color)	4285627054 (0xFF717AAE)
YUV	125.2370, 24.0402, -10.7318
Hunter-Lab	45.2612, 5.2274, -24.4750

Details

The Hex color **717AAE** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AEA571**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A6AEE6**, and **3E4A79** is the 20% darker color. If you saturate the color by 10%, you get **606BAE**, and if you desaturate by 10%, it is **8289AE**.

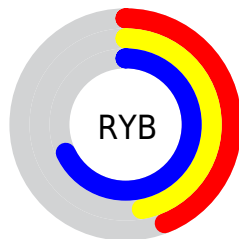
Distribution



Red (44%)

Green (48%)

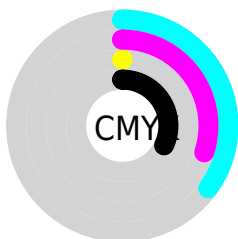
Blue (68%)



Red (44%)

Yellow (47%)

Blue (68%)

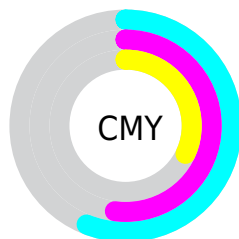


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (32%)



Cyan (56%)

Magenta (52%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 717AAE 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 717AAE by changing the saturation by 10% instead.

■ 717AAE

■ 717AAE

FFFFFF

■ 576193

■ A6AEE6

■ 3E4A79

■ C2CAFF

■ 253360

■ DFE6FF

■ 071E48

■ FCFFFF

■ 000532

■ 00011C

■ 000000

■ 717AAE

■ 717AAE

■ 606BAE

■ 8289AE

■ 4E5CAE

■ 9498AE

■ 3D4EAE

■ A5A6AE

■ 2B3FAE

■ B7B5AE

■ 1A30AE

■ C8C4AE

■ 0921AE

■ D9D3AE

■ 001AAE

■ EBE2AE

■ FCF1AE

■ FFFFAE

Harmonies

Analogous

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



4583AF



717AAE



9371A0

Triad

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



717AAE



A96F57



3F8A72

Complementary

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



717AAE



AEA571

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.



61875A



717AAE



97784A

Square

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



717AAE



B0696E



7E804B



188B8C

Rectangle

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



717AAE



A36C91



7E804B



4B8969

Sweetspot

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



717AAE



CACEE3



71AE55



646673



F2F2F2



737373

Same Dimension

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



717AAE



8492E3



8671AE



4E4F57



001696



000317

Inverse Universe

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



AE717A



E38492



99AE71



574E4F



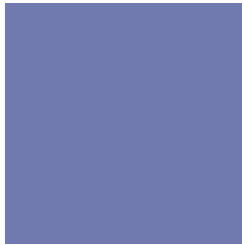
960016



170003

Previews

White Background



This preview shows how the Hex color 717AAE looks on a white background.

Color Contrast Check

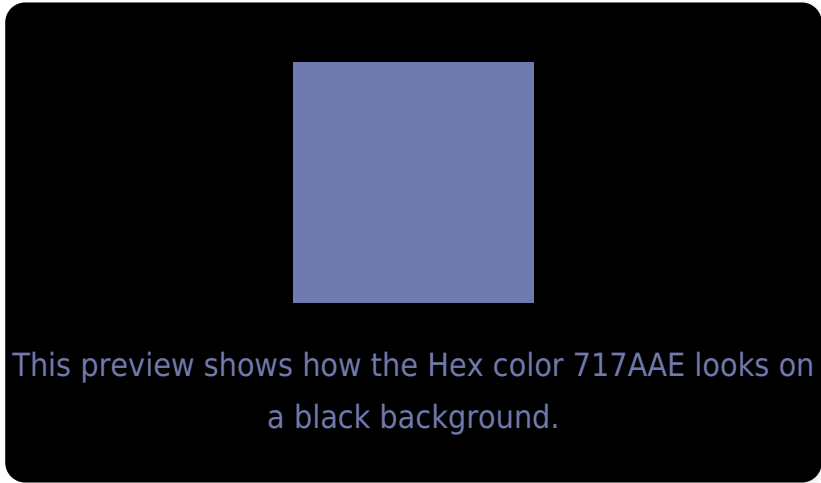
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

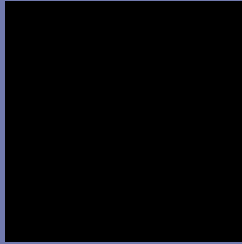
Any Text WCAG AA ✓ Pass

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 717AAE Background



This preview shows how black text looks on a background with the Hex color 717AAE.



This preview shows how white text looks on a background with the Hex color 717AAE.

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

717AAE

Protanopia

6D7BAF

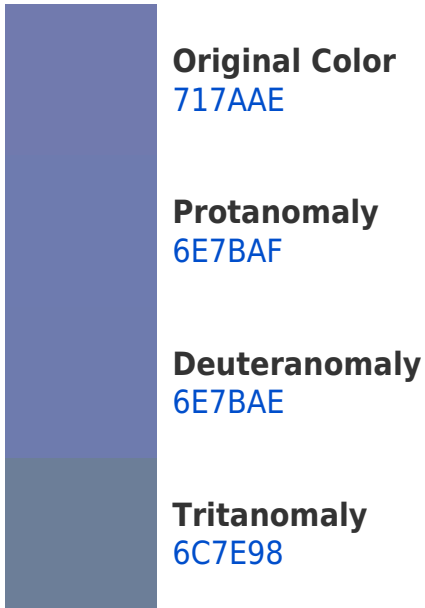
Deuteranopia

6C7BAE

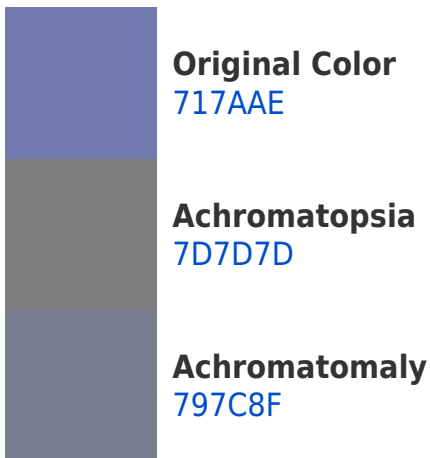


Tritanopia
69818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 717AAE 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 #717AAE looks like.

```
.text, #text, p{  
    color:#717AAE  
}
```

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 #717AAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #717AAE
}
```

Border

The CSS property to change the border of an element to Hex 717AAE 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
#717AAE }
```

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

```
.border{ border-color:#717AAE }
```

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

Here you see how a box with a 4 pixel #717AAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #717AAE; -webkit-box-shadow:4px 4px  
4px 4px #717AAE; box-shadow:4px 4px 4px  
4px #717AAE }
```

Background

The CSS property to change the background color of an element to Hex 717AAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#717AAE }
```

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

```
.background{ background-color:#717AAE }
```

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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