

Converting Colors

Hex(6E7DAB)

Have a look what the booklet for
Hex(6E7DAB) contains.

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Color

Hex(6E7DAB)

Conversions

Conversions Part 1

Format	Color
Hex	6E7DAB
RGB	110, 125, 171
RGB Percent	43%, 49%, 67%
CMY	0.5686, 0.5098, 0.3294
CMYK	0.36, 0.27, 0.00, 0.33
HSL	225°, 27%, 55%
HSV	225°, 36%, 67%
XYZ	21.1147, 20.9225, 41.4537
YIQ	125.7590, -23.7060, 11.1260

Conversions

Conversions Part 2

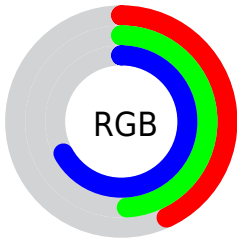
Format	Color
R_{YB}	110, 122, 171
Decimal	7241131
CIE _{Lab}	52.86, 5.99, -26.22
CIE _{LCh}	53, 26.898, 282.869
Yxy	20.9225, 0.2529, 0.2506
Android (android.graphics.Color)	4285431211 (0xFF6E7DAB)
YUV	125.7590, 22.3038, -13.8206
Hunter-Lab	45.7411, 2.3510, -21.7138

Details

The Hex color **6E7DAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **AB9C6E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A3B1E3**, and **3B4C77** is the 20% darker color. If you saturate the color by 10%, you get **5D70AB**, and if you desaturate by 10%, it is **7F8AAB**.

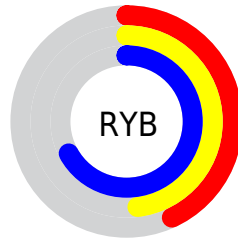
Distribution



Red (43%)

Green (49%)

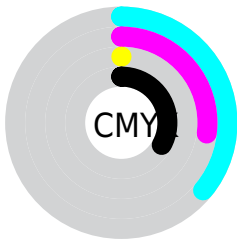
Blue (67%)



Red (43%)

Yellow (48%)

Blue (67%)

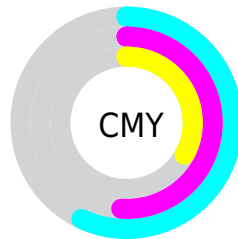


Cyan (36%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E7DAB 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 6E7DAB by changing the saturation by 10% instead.

■ 6E7DAB

■ 6E7DAB

FFFFFF

■ 546490

■ A3B1E3

■ 3B4C77

■ BFCDFE

■ 22365E

■ DBE9FF

■ 042146

■ F8FFFF

■ 00092F

■ 00011A

■ 000000

■ 6E7DAB

■ 6E7DAB

■ 5D70AB

■ 7F8AAB

■ 4C63AB

■ 9097AB

■ 3B56AB

■ A1A4AB

■ 2A49AB

■ B2B1AB

■ 193DAB

■ C3BDAB

■ 0730AB

■ D5CAAB

■ 002AAB

■ E6D7AB

■ F7E4AB

■ FFF1AB

Harmonies

Analogous

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



4A84AA



6E7DAB



8E75A0

Triad

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



6E7DAB



A87160



4E8A70

Complementary

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



6E7DAB



AB9C6E

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.



6A865C



6E7DAB



9A7852

Square

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



6E7DAB



AC6D75



848051



358B88

Rectangle

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



6E7DAB



9D7094



848051



588968

Sweetspot

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



6E7DAB



C5CBDE



6EAB9C



626570



F0F0F0



707070

Same Dimension

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



6E7DAB



7E96DE



7D6EAB



4E5057



002596



000617

Inverse Universe

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



AB6E7D



DE7E96



9CAB6E



574E50



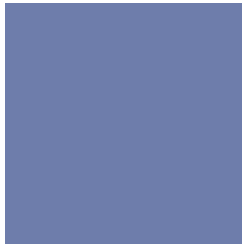
960025



170006

Previews

White Background



This preview shows how the Hex color 6E7DAB looks on a white background.

Color Contrast Check

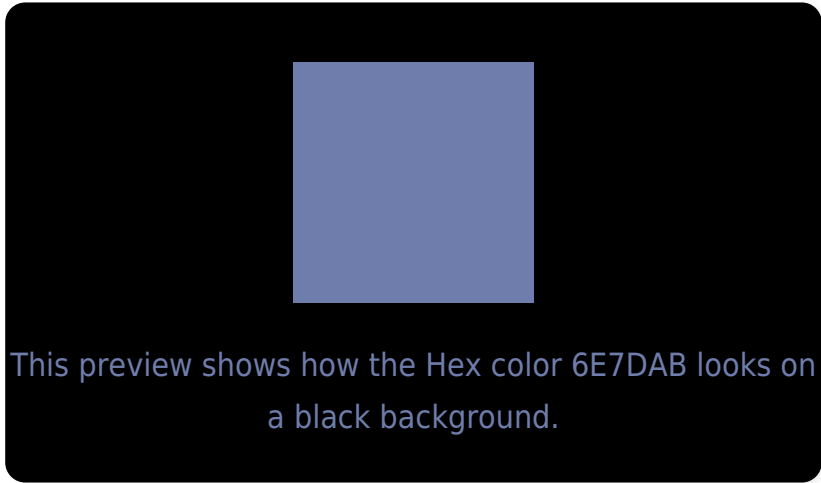
Large Text (above 18pt) WCAG AA ✓ Pass

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

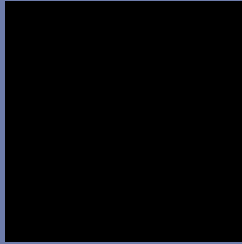
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

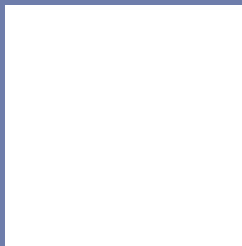
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6E7DAB Background



This preview shows how black text looks on a background with the Hex color 6E7DAB.



This preview shows how white text looks on a background with the Hex color 6E7DAB.

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
6E7DAB

Protanopia
717CAA

Deuteranopia
717CAB



Tritanopia
67838D

Trichromacy



Original Color
6E7DAB

Protanomaly
707CAA

Deuteranomaly
707CAB

Tritanomaly
6A8198

Monochromacy



Original Color
6E7DAB

Achromatopsia
7E7E7E

Achromatomaly
787E8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E7DAB 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 #6E7DAB looks like.

```
.text, #text, p{  
    color:#6E7DAB  
}
```

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 #6E7DAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E7DAB
}
```

Border

The CSS property to change the border of an element to Hex 6E7DAB 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
#6E7DAB }
```

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

```
.border{ border-color:#6E7DAB }
```

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

Here you see how a box with a 4 pixel #6E7DAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E7DAB; -webkit-box-shadow:4px 4px  
4px 4px #6E7DAB; box-shadow:4px 4px 4px  
4px #6E7DAB }
```

Background

The CSS property to change the background color of an element to Hex 6E7DAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E7DAB }
```

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

```
.background{ background-color:#6E7DAB }
```

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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