

Converting Colors

Hex(6B84AE)

Have a look what the booklet for
Hex(6B84AE) contains.

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Color

Hex(6B84AE)

Conversions

Conversions Part 1

Format	Color
Hex	6B84AE
RGB	107, 132, 174
RGB Percent	42%, 52%, 68%
CMY	0.5804, 0.4824, 0.3176
CMYK	0.39, 0.24, 0.00, 0.32
HSL	218°, 29%, 55%
HSV	218°, 39%, 68%
XYZ	21.9547, 22.6843, 43.2658
YIQ	129.3130, -28.3820, 7.7620

Conversions

Conversions Part 2

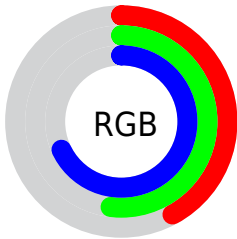
Format	Color
R _{YB}	107, 125, 174
Decimal	7046318
CIE Lab	54.75, 1.85, -25.06
CIE LCh	55, 25.129, 274.212
Yxy	22.6843, 0.2498, 0.2581
Android (android.graphics.Color)	4285236398 (0xFF6B84AE)
YUV	129.3130, 22.0307, -19.5685
Hunter-Lab	47.6281, -1.0677, -20.5200

Details

The Hex color **6B84AE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **AE956B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A0B9E6**, and **385379** is the 20% darker color. If you saturate the color by 10%, you get **5A79AE**, and if you desaturate by 10%, it is **7C8FAE**.

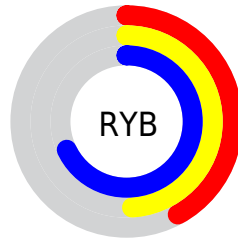
Distribution



Red (42%)

Green (52%)

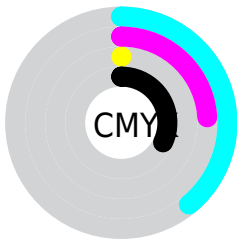
Blue (68%)



Red (42%)

Yellow (49%)

Blue (68%)

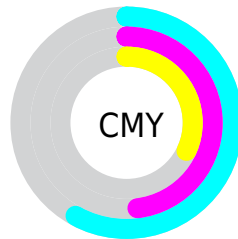


Cyan (39%)

Magenta (24%)

Yellow (0%)

Black (32%)



Cyan (58%)

Magenta (48%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B84AE 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 6B84AE by changing the saturation by 10% instead.



6B84AE



6B84AE

FFFFFF



516B93



A0B9E6



385379



BCD5FF



1D3C60



D8F1FF



002648



F5FFFF



001232



00021C



000000



6B84AE



6B84AE



5A79AE



7C8FAE

■ 486EAE

■ 8E9AAE

■ 3763AE

■ 9FA5AE

■ 2558AE

■ B1B0AE

■ 144DAE

■ C2BBAE

■ 0343AE

■ D3C5AE

■ 0041AE

■ E5D0AE

■ F6DBAE

■ FFE6AE

Harmonies

Analogous

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



4C8AAA



6B84AE



8A7CA7

Triad

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



6B84AE



AD756C



5E8D6F

Complementary

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



6B84AE



AE956B

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.



78895F



6B84AE



A27B5C

Square

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



6B84AE



AD7381



8F8358



478F85

Rectangle

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



6B84AE



9B789D



8F8358



678C69

Sweetspot

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



6B84AE



C8D2E3



6BAE94



636973



F2F2F2



737373

Same Dimension

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



6B84AE



7BA2E3



736BAE



4E5157



003896



000917

Inverse Universe

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



AE6B84



E37BA2



A6AE6B



574E51



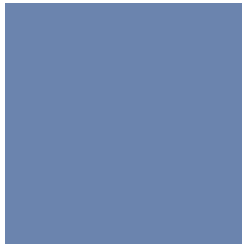
960038



170009

Previews

White Background



This preview shows how the Hex color 6B84AE looks on a white background.

Color Contrast Check

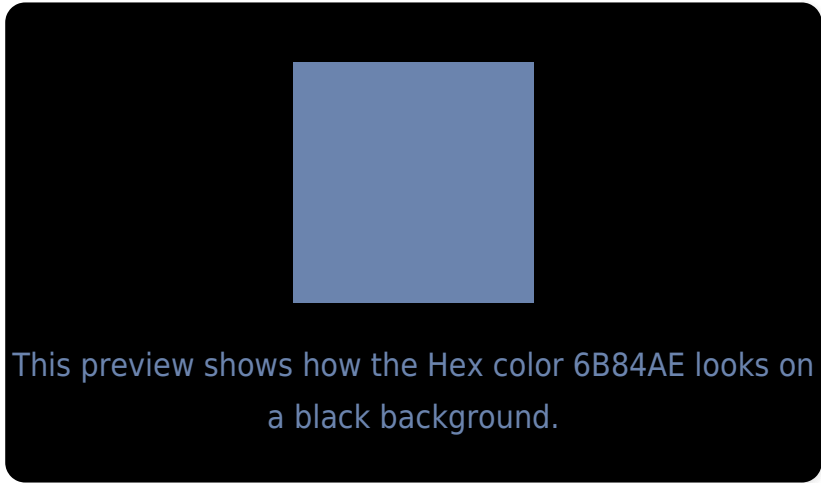
Large Text (above 18pt) WCAG AA ✓ Pass

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

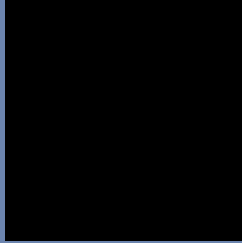
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

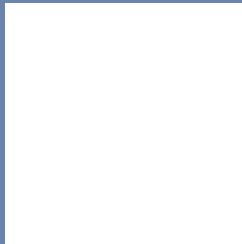
Any Text WCAG AAA × Fail

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

Hex 6B84AE Background



This preview shows how black text looks on a background with the Hex color 6B84AE.

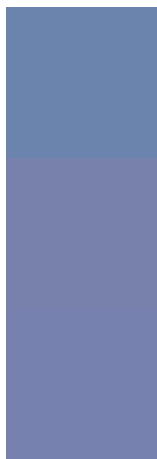


This preview shows how white text looks on a background with the Hex color 6B84AE.

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
6B84AE

Protanopia
7781AC

Deuteranopia
7781AF



Tritanopia
648994

Trichromacy



Original Color
6B84AE

Protanomaly
7382AD

Deuteranomaly
7382AF

Tritanomaly
67879D

Monochromacy



Original Color
6B84AE

Achromatopsia
818181

Achromatomaly
798291

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B84AE 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 #6B84AE looks like.

```
.text, #text, p{  
    color:#6B84AE  
}
```

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 #6B84AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B84AE
}
```

Border

The CSS property to change the border of an element to Hex 6B84AE 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
#6B84AE }
```

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

```
.border{ border-color:#6B84AE }
```

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

Here you see how a box with a 4 pixel #6B84AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B84AE; -webkit-box-shadow:4px 4px  
4px 4px #6B84AE; box-shadow:4px 4px 4px  
4px #6B84AE }
```

Background

The CSS property to change the background color of an element to Hex 6B84AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B84AE }
```

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

```
.background{ background-color:#6B84AE }
```

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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