

Converting Colors

Hex(6E87B8)

Have a look what the booklet for
Hex(6E87B8) contains.

Hex(6E87B8)	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(6E87B8)

Conversions

Conversions Part 1

Format	Color
Hex	6E87B8
RGB	110, 135, 184
RGB Percent	43%, 53%, 72%
CMY	0.5686, 0.4706, 0.2784
CMYK	0.40, 0.27, 0.00, 0.28
HSL	220°, 34%, 58%
HSV	220°, 40%, 72%
XYZ	23.7461, 24.1036, 48.7483
YIQ	133.1110, -30.6290, 9.9390

Conversions

Conversions Part 2

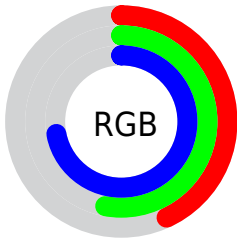
Format	Color
R _Y B	110, 129, 184
Decimal	7243704
CIE Lab	56.19, 3.74, -28.53
CIE LCh	56, 28.778, 277.470
Yxy	24.1036, 0.2458, 0.2495
Android (android.graphics.Color)	4285433784 (0xFF6E87B8)
YUV	133.1110, 25.0883, -20.2683
Hunter-Lab	49.0955, 0.4185, -24.5040

Details

The Hex color **6E87B8** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B89F6E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **A4BCF0**, and **3A5683** is the 20% darker color. If you saturate the color by 10%, you get **5C7BB8**, and if you desaturate by 10%, it is **8093B8**.

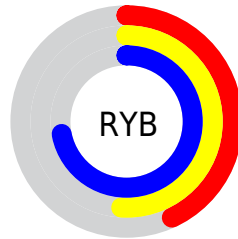
Distribution



Red (43%)

Green (53%)

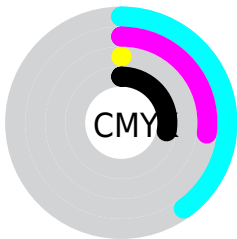
Blue (72%)



Red (43%)

Yellow (51%)

Blue (72%)

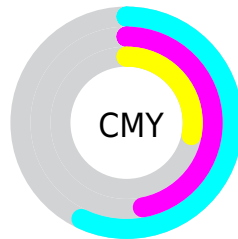


Cyan (40%)

Magenta (27%)

Yellow (0%)

Black (28%)



Cyan (57%)

Magenta (47%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E87B8 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 6E87B8 by changing the saturation by 10% instead.

■ 6E87B8

■ 6E87B8

FFFFFF

■ 546E9D

■ A4BCF0

■ 3A5683

■ C0D8FF

■ 1E3F69

■ DCF4FF

■ 002951

■ FAFFFF

■ 00153A

■ 000224

■ 00000B

■ 000000

■ 6E87B8

■ 6E87B8

■ 5C7BB8

■ 8093B8

■ 496FB8

■ 939FB8

■ 3762B8

■ A5ACB8

■ 2456B8

■ B8B8B8

■ 124AB8

■ CAC4B8

■ 003EB8

■ DCD0B8

■ EFDCB8

■ FFE8B8

■ FFF5B8

Harmonies

Analogous

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



468EB4



6E87B8



927EAE

Triad

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



6E87B8



B57769



589373

Complementary

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



6E87B8



B89F6E

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.



768E5E



6E87B8



A87F59

Square

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



6E87B8



B77481



928755



3A948C

Rectangle

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



6E87B8



A479A2



928755



63926B

Sweetspot

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



6E87B8



D3DDF0



6EB89E



676D78



F7F7F7



787878

Same Dimension

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



6E87B8



7DA4F0



796EB8



53565C



00359C



00091C

Inverse Universe

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



B86E87



F07DA4



ADB86E



5C5356



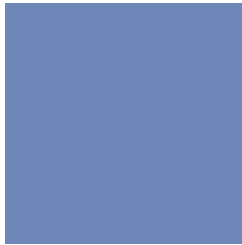
9C0035



1C0009

Previews

White Background



This preview shows how the Hex color 6E87B8 looks on a white background.

Color Contrast Check

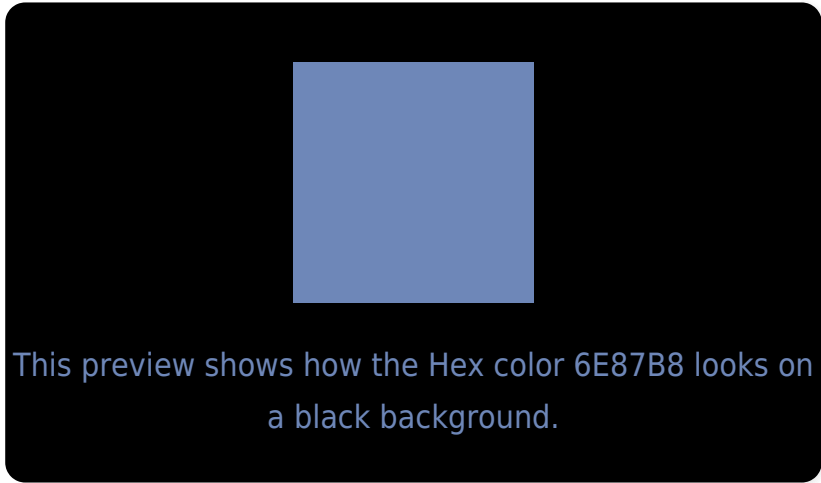
Large Text (above 18pt) WCAG AA ✓ Pass

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

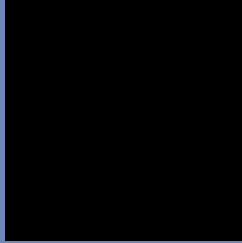
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

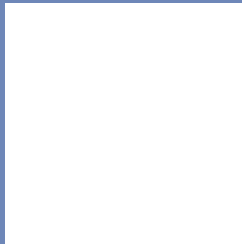
Any Text WCAG AAA × Fail

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

Hex 6E87B8 Background



This preview shows how black text looks on a background with the Hex color 6E87B8.

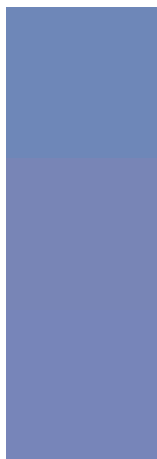


This preview shows how white text looks on a background with the Hex color 6E87B8.

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
6E87B8

Protanopia
7885B6

Deuteranopia
7785B9



Tritanopia
668D98

Trichromacy



Original Color
6E87B8

Protanomaly
7486B7

Deuteranomaly
7486B9

Tritanomaly
698BA4

Monochromacy



Original Color
6E87B8

Achromatopsia
858585

Achromatomaly
7D8698

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E87B8 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 #6E87B8 looks like.

```
.text, #text, p{  
    color:#6E87B8  
}
```

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 #6E87B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E87B8  
}
```

Border

The CSS property to change the border of an element to Hex 6E87B8 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  
#6E87B8 }
```

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

```
.border{ border-color:#6E87B8 }
```

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

Here you see how a box with a 4 pixel #6E87B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E87B8; -webkit-box-shadow:4px 4px  
4px 4px #6E87B8; box-shadow:4px 4px 4px  
4px #6E87B8 }
```

Background

The CSS property to change the background color of an element to Hex 6E87B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E87B8 }
```

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

```
.background{ background-color:#6E87B8 }
```

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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