

Converting Colors

Hex(6D87A1)

Have a look what the booklet for
Hex(6D87A1) contains.

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Color

Hex(6D87A1)

Conversions

Conversions Part 1

Format	Color
Hex	6D87A1
RGB	109, 135, 161
RGB Percent	43%, 53%, 63%
CMY	0.5725, 0.4706, 0.3686
CMYK	0.32, 0.16, 0.00, 0.37
HSL	210°, 22%, 53%
HSV	210°, 32%, 63%
XYZ	21.4037, 23.1524, 37.0590
YIQ	130.1900, -23.8420, 2.5740

Conversions

Conversions Part 2

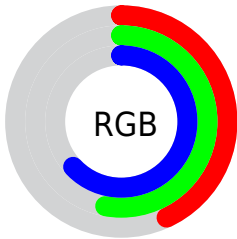
Format	Color
RYB	109, 126, 161
Decimal	7178145
CIELab	55.23, -2.83, -16.83
CIELCh	55, 17.066, 260.471
Yxy	23.1524, 0.2623, 0.2837
Android (android.graphics.Color)	4285368225 (0xFF6D87A1)
YUV	130.1900, 15.1893, -18.5836
Hunter-Lab	48.1169, -4.8031, -11.9825

Details

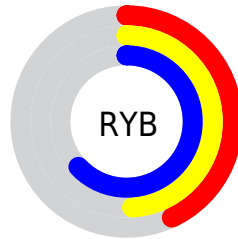
The Hex color **6D87A1** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A1876D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **A2BCD8**, and **3B556D** is the 20% darker color. If you saturate the color by 10%, you get **5D7FA1**, and if you desaturate by 10%, it is **7D8FA1**.

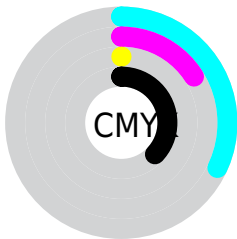
Distribution



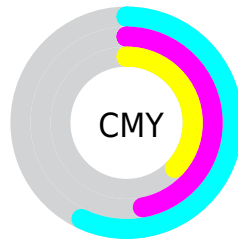
- Red (43%)
- Green (53%)
- Blue (63%)



- Red (43%)
- Yellow (49%)
- Blue (63%)



- Cyan (32%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)



- Cyan (57%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D87A1 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 6D87A1 by changing the saturation by 10% instead.



6D87A1



6D87A1

FFFFFF



546E87



A2BCD8



3B556D



BDD8F4



233E55



D9F4FF



08293E



F6FFFF



001428



000113



000000



6D87A1



6D87A1



5D7FA1



7D8FA1

■ 4D77A1

■ 8D97A1

■ 3D6FA1

■ 9D9FA1

■ 2D67A1

■ ADA7A1

■ 1D5FA1

■ BEAFA1

■ 0C57A1

■ CEB7A1

■ 0051A1

■ DEBFA1

■ EEC7A1

■ FECFA1

Harmonies

Analogous

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



5F8B9A



6D87A1



8182A0

Triad

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



6D87A1



A37A7B



748A71

Complementary

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



6D87A1



A1876D

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.



858668



6D87A1



9F7D6E

Square

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



6D87A1



9F7A8A



948267



658C7F

Rectangle

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



6D87A1



8D7F9B



948267



79896D

Sweetspot

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



6D87A1



BCC7D1



6DA187



5C6269



E8E8E8



696969

Same Dimension

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



6D87A1



80A8D1



6D6DA1



494E52



004991



000912

Inverse Universe

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



A16D87



D180A8



A1A16D



52494E



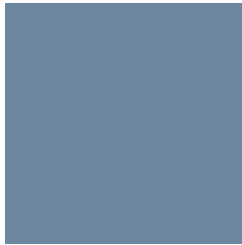
910049



120009

Previews

White Background



This preview shows how the Hex color 6D87A1 looks on a white background.

Color Contrast Check

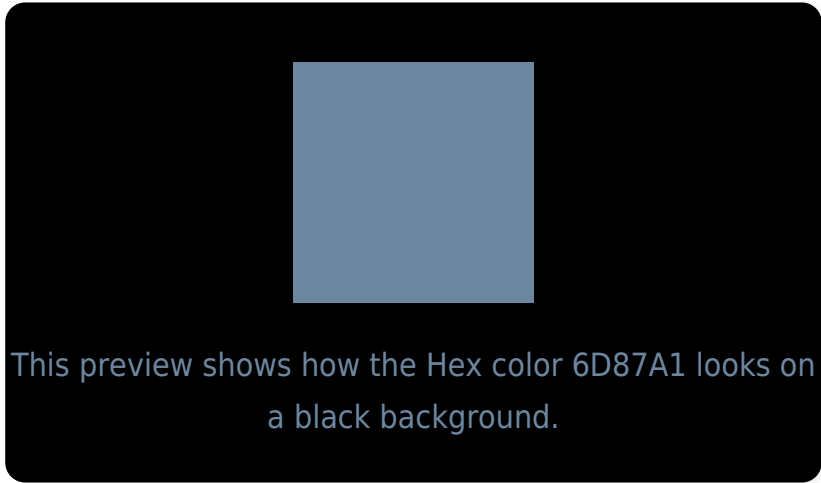
Large Text (above 18pt) WCAG AA ✓ Pass

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

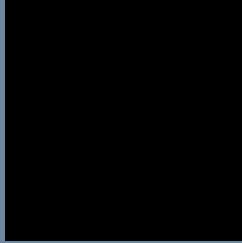
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

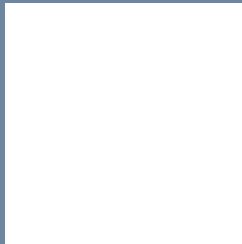
Any Text WCAG AAA × Fail

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

Hex 6D87A1 Background



This preview shows how black text looks on a background with the Hex color 6D87A1.



This preview shows how white text looks on a background with the Hex color 6D87A1.

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
6D87A1

Protanopia
7E839E

Deuteranopia
8181A2



Tritanopia
6A8994

Trichromacy



Original Color
6D87A1

Protanomaly
78849F

Deuteranomaly
7A83A2

Tritanomaly
6B8899

Monochromacy



Original Color
6D87A1

Achromatopsia
828282

Achromatomaly
7A848D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D87A1 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 #6D87A1 looks like.

```
.text, #text, p{  
    color:#6D87A1  
}
```

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 #6D87A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D87A1
}
```

Border

The CSS property to change the border of an element to Hex 6D87A1 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
#6D87A1 }
```

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

```
.border{ border-color:#6D87A1 }
```

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

Here you see how a box with a 4 pixel #6D87A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D87A1; -webkit-box-shadow:4px 4px  
4px 4px #6D87A1; box-shadow:4px 4px 4px  
4px #6D87A1 }
```

Background

The CSS property to change the background color of an element to Hex 6D87A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D87A1 }
```

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

```
.background{ background-color:#6D87A1 }
```

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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