

Converting Colors

Hex(6D74A7)

Have a look what the booklet for
Hex(6D74A7) contains.

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Color

Hex(6D74A7)

Conversions

Conversions Part 1

Format	Color
Hex	6D74A7
RGB	109, 116, 167
RGB Percent	43%, 45%, 65%
CMY	0.5725, 0.5451, 0.3451
CMYK	0.35, 0.31, 0.00, 0.35
HSL	233°, 25%, 54%
HSV	233°, 35%, 65%
XYZ	19.5271, 18.5320, 39.1071
YIQ	119.7210, -20.5430, 14.3770

Conversions

Conversions Part 2

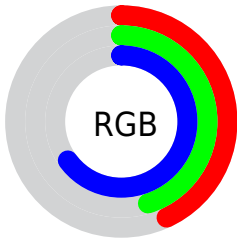
Format	Color
R_{YB}	109, 115, 167
Decimal	7173287
CIE _{Lab}	50.14, 9.97, -28.14
CIE _{LCh}	50, 29.853, 289.505
Yxy	18.5320, 0.2531, 0.2402
Android (android.graphics.Color)	4285363367 (0xFF6D74A7)
YUV	119.7210, 23.3085, -9.4023
Hunter-Lab	43.0488, 5.6329, -23.7269

Details

The Hex color **6D74A7** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A7A06D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A2A8DE**, and **3A4473** is the 20% darker color. If you saturate the color by 10%, you get **5C65A7**, and if you desaturate by 10%, it is **7E83A7**.

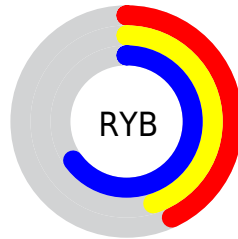
Distribution



Red (43%)

Green (45%)

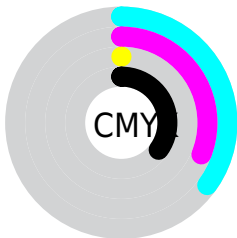
Blue (65%)



Red (43%)

Yellow (45%)

Blue (65%)

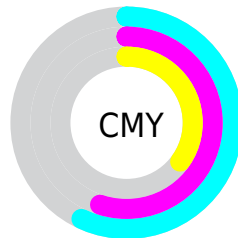


Cyan (35%)

Magenta (31%)

Yellow (0%)

Black (35%)



Cyan (57%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D74A7 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 6D74A7 by changing the saturation by 10% instead.

■ 6D74A7

■ 6D74A7

FFFFFF

■ 535B8C

■ A2A8DE

■ 3A4473

■ BEC3FB

■ 212E5A

■ DADFFF

■ 041A42

■ F7FCFF

■ 00002C

■ 000116

■ 000000

■ 6D74A7

■ 6D74A7

■ 5C65A7

■ 7E83A7

■ 4C57A7

■ 8E91A7

■ 3B48A7

■ 9FA0A7

■ 2A39A7

■ B0AFA7

■ 1A2BA7

■ C0BDA7

■ 091CA7

■ D1CCA7

■ 0014A7

■ E2DBA7

■ F3E9A7

■ FFF8A7

Harmonies

Analogous

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



427CA9



6D74A7



8E6B98

Triad

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



6D74A7



A16A52



39846D

Complementary

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



6D74A7



A7A06D

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.



5A8155



6D74A7



907345

Square

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



6D74A7



A96468



777B47



0C8587

Rectangle

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



6D74A7



9E668A



777B47



448365

Sweetspot

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



6D74A7



C3C6D9



6DA79F



60626E



EDEDED



6E6E6E

Same Dimension

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



6D74A7



7E89D9



826DA7



4C4D54



001294



000214

Inverse Universe

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



A76D74



D97E89



92A76D



544C4D



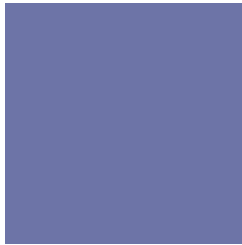
940012



140002

Previews

White Background



This preview shows how the Hex color 6D74A7 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

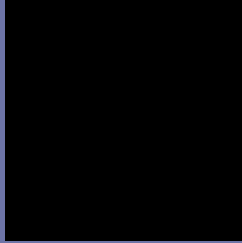
Any Text WCAG AA ✓ Pass

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 6D74A7 Background



This preview shows how black text looks on a background with the Hex color 6D74A7.



This preview shows how white text looks on a background with the Hex color 6D74A7.

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
6D74A7

Protanopia
6775A8

Deuteranopia
6776A7



Tritanopia
657B84

Trichromacy



Original Color
6D74A7

Protanomaly
6975A8

Deuteranomaly
6975A7

Tritanomaly
687891

Monochromacy



Original Color
6D74A7

Achromatopsia
787878

Achromatomaly
747789

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D74A7 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 #6D74A7 looks like.

```
.text, #text, p{  
    color:#6D74A7  
}
```

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 #6D74A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D74A7
}
```

Border

The CSS property to change the border of an element to Hex 6D74A7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

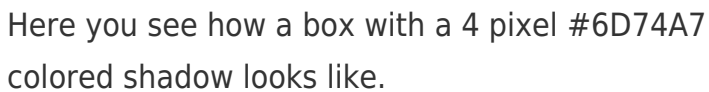
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D74A7 }
```

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

```
.border{ border-color:#6D74A7 }
```

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



Here you see how a box with a 4 pixel #6D74A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D74A7; -webkit-box-shadow:4px 4px  
4px 4px #6D74A7; box-shadow:4px 4px 4px  
4px #6D74A7 }
```

Background

The CSS property to change the background color of an element to Hex 6D74A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D74A7 }
```

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

```
.background{ background-color:#6D74A7 }
```

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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