

Converting Colors

Hex(6D81A4)

Have a look what the booklet for
Hex(6D81A4) contains.

Hex(6D81A4)	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(6D81A4)

Conversions

Conversions Part 1

Format	Color
Hex	6D81A4
RGB	109, 129, 164
RGB Percent	43%, 51%, 64%
CMY	0.5725, 0.4941, 0.3569
CMYK	0.34, 0.21, 0.00, 0.36
HSL	218°, 23%, 54%
HSV	218°, 34%, 64%
XYZ	20.8578, 21.6321, 38.1980
YIQ	127.0100, -23.1550, 6.6450

Conversions

Conversions Part 2

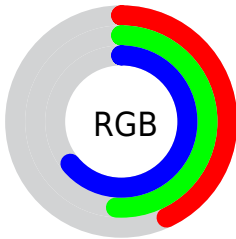
Format	Color
R _Y B	109, 124, 164
Decimal	7176612
CIE Lab	53.63, 1.44, -21.00
CIE LCh	54, 21.046, 273.921
Yxy	21.6321, 0.2585, 0.2681
Android (android.graphics.Color)	4285366692 (0xFF6D81A4)
YUV	127.0100, 18.2361, -15.7948
Hunter-Lab	46.5103, -1.3438, -16.1366

Details

The Hex color **6D81A4** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **A4906D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A2B6DB**, and **3B5070** is the 20% darker color. If you saturate the color by 10%, you get **5D77A4**, and if you desaturate by 10%, it is **7D8BA4**.

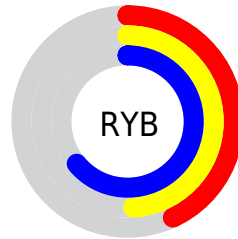
Distribution



Red (43%)

Green (51%)

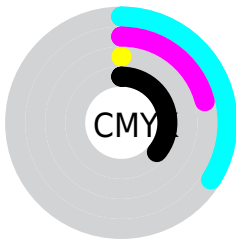
Blue (64%)



Red (43%)

Yellow (49%)

Blue (64%)

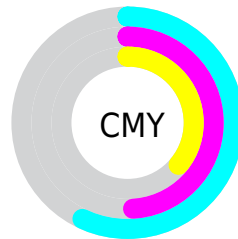


Cyan (34%)

Magenta (21%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (49%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D81A4 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 6D81A4 by changing the saturation by 10% instead.

■ 6D81A4

■ 6D81A4

FFFFFF

■ 54688A

■ A2B6DB

■ 3B5070

■ BDD1F8

■ 223958

■ DAEEFF

■ 072440

■ F6FFFF

■ 000E2A

■ 000115

■ 000000

■ 6D81A4

■ 6D81A4

■ 5D77A4

■ 7D8BA4

■ 4C6CA4

■ 8E96A4

■ 3C62A4

■ 9EA0A4

■ 2B57A4

■ AFABA4

■ 1B4DA4

■ BFB5A4

■ 0B42A4

■ CFC0A4

■ 003CA4

■ E0CAA4

■ F0D4A4

■ FFDFA4

Harmonies

Analogous

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



5586A0



6D81A4



867B9E

Triad

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



6D81A4



A4756D



628970

Complementary

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



6D81A4



A4906D

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.



778562



6D81A4



9B7A60

Square

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



6D81A4



A4737E



8B805C



518A82

Rectangle

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



6D81A4



947796



8B805C



69886A

Sweetspot

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



6D81A4



C1C9D6



6DA490



5E636B



EBEBEB



6B6B6B

Same Dimension

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



6D81A4



81A0D6



746DA4



494C52



003591



000612

Inverse Universe

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



A46D81



D681A0



9DA46D



52494C



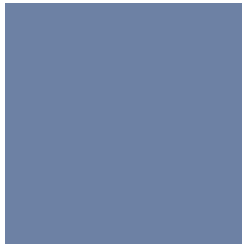
910035



120006

Previews

White Background



This preview shows how the Hex color 6D81A4 looks on a white background.

Color Contrast Check

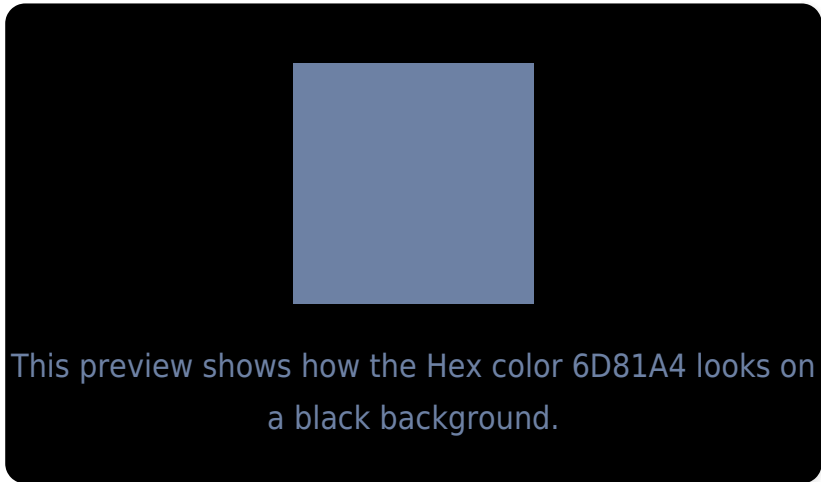
Large Text (above 18pt) WCAG AA ✓ Pass

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

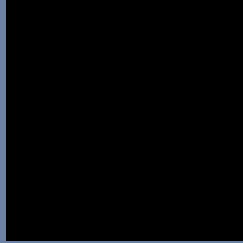
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

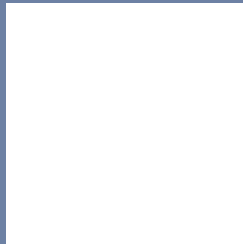
Any Text WCAG AAA × Fail

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

Hex 6D81A4 Background



This preview shows how black text looks on a background with the Hex color 6D81A4.

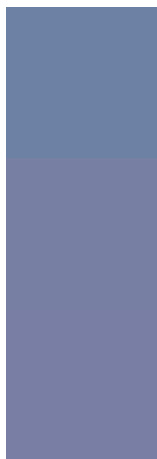


This preview shows how white text looks on a background with the Hex color 6D81A4.

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
6D81A4

Protanopia
777FA2

Deuteranopia
797EA5



Tritanopia
68858F

Trichromacy



Original Color
6D81A4

Protanomaly
7380A3

Deuteranomaly
757FA5

Tritanomaly
6A8497

Monochromacy



Original Color
6D81A4

Achromatopsia
7F7F7F

Achromatomaly
78808C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D81A4 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 #6D81A4 looks like.

```
.text, #text, p{  
    color:#6D81A4  
}
```

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 #6D81A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D81A4  
}
```

Border

The CSS property to change the border of an element to Hex 6D81A4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

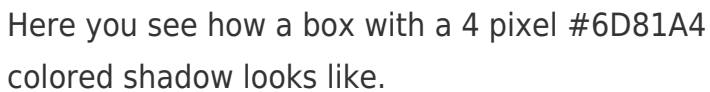
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6D81A4 }
```

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

```
.border{ border-color:#6D81A4 }
```

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



Here you see how a box with a 4 pixel #6D81A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D81A4; -webkit-box-shadow:4px 4px  
4px 4px #6D81A4; box-shadow:4px 4px 4px  
4px #6D81A4 }
```

Background

The CSS property to change the background color of an element to Hex 6D81A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D81A4 }
```

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

```
.background{ background-color:#6D81A4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor