

Converting Colors

Hex(6D7DA3)

Have a look what the booklet for
Hex(6D7DA3) contains.

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Color

Hex(6D7DA3)

Conversions

Conversions Part 1

Format	Color
Hex	6D7DA3
RGB	109, 125, 163
RGB Percent	43%, 49%, 64%
CMY	0.5725, 0.5098, 0.3608
CMYK	0.33, 0.23, 0.00, 0.36
HSL	222°, 23%, 53%
HSV	222°, 33%, 64%
XYZ	20.2511, 20.5628, 37.5520
YIQ	124.5480, -21.7340, 8.4260

Conversions

Conversions Part 2

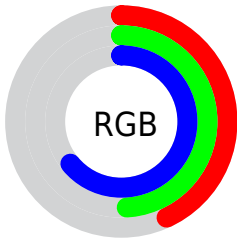
Format	Color
R _{YB}	109, 121, 163
Decimal	7175587
CIE _{Lab}	52.47, 3.52, -22.21
CIE _{LCh}	52, 22.485, 278.996
Yxy	20.5628, 0.2584, 0.2624
Android (android.graphics.Color)	4285365667 (0xFF6D7DA3)
YUV	124.5480, 18.9568, -13.6356
Hunter-Lab	45.3462, 0.3604, -17.3568

Details

The Hex color **6D7DA3** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A3936D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A2B1DA**, and **3B4C6F** is the 20% darker color. If you saturate the color by 10%, you get **5D72A3**, and if you desaturate by 10%, it is **7D88A3**.

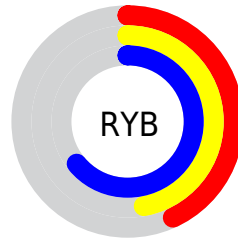
Distribution



Red (43%)

Green (49%)

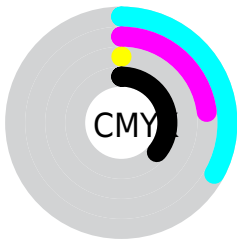
Blue (64%)



Red (43%)

Yellow (47%)

Blue (64%)

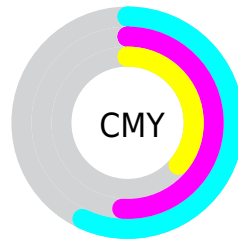


Cyan (33%)

Magenta (23%)

Yellow (0%)

Black (36%)



Cyan (57%)

Magenta (51%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D7DA3 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 6D7DA3 by changing the saturation by 10% instead.

■ 6D7DA3

■ 6D7DA3

FFFFFF

■ 546489

■ A2B1DA

■ 3B4C6F

■ BDCDF7

■ 233657

■ D9E9FF

■ 07213F

■ F6FFFF

■ 000929

■ 000114

■ 000000

■ 6D7DA3

■ 6D7DA3

■ 5D72A3

■ 7D88A3

■ 4C66A3

■ 8E94A3

■ 3C5BA3

■ 9E9FA3

■ 2C4FA3

■ AEABA3

■ 1C44A3

■ BFB6A3

■ 0B38A3

■ CFC2A3

■ 0030A3

■ DFCD A3

■ EFD9A3

■ FFE4A3

Harmonies

Analogous

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



5283A1



6D7DA3



87769B

Triad

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



6D7DA3



A27266



5A876F

Complementary

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



6D7DA3



A3936D

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.



70835F



6D7DA3



97775A

Square

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



6D7DA3



A46F78



857E57



478883

Rectangle

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



6D7DA3



957291



857E57



618669

Sweetspot

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



6D7DA3



BEC5D4



6DA393



5E626B



EBEBEB



6B6B6B

Same Dimension

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



6D7DA3



7F98D4



786DA3



494C52



002B91



000512

Inverse Universe

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



A36D7D



D47F98



98A36D



52494C



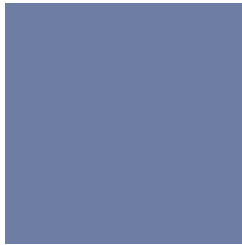
91002B



120005

Previews

White Background



This preview shows how the Hex color 6D7DA3 looks on a white background.

Color Contrast Check

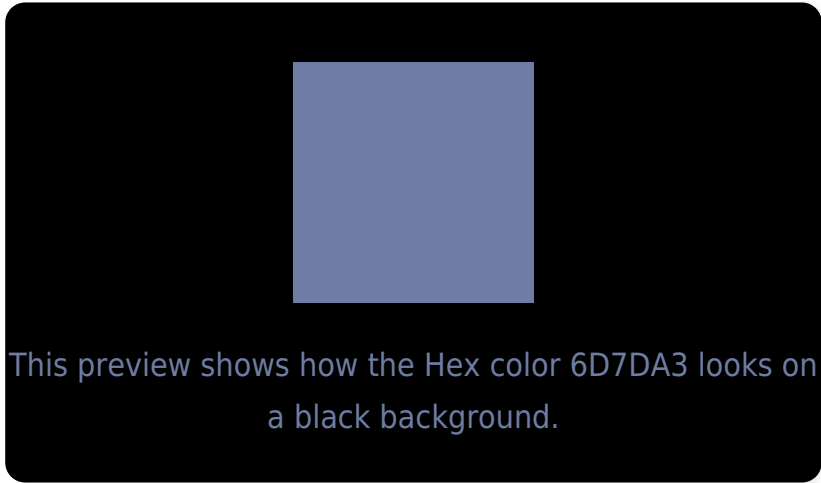
Large Text (above 18pt) WCAG AA ✓ Pass

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

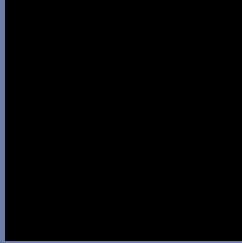
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

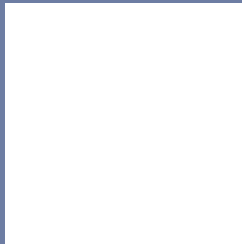
Any Text WCAG AAA × Fail

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

Hex 6D7DA3 Background



This preview shows how black text looks on a background with the Hex color 6D7DA3.



This preview shows how white text looks on a background with the Hex color 6D7DA3.

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
6D7DA3

Protanopia
737CA2

Deuteranopia
747BA3



Tritanopia
68818C

Trichromacy



Original Color
6D7DA3

Protanomaly
717CA2

Deuteranomaly
717CA3

Tritanomaly
6A8094

Monochromacy



Original Color
6D7DA3

Achromatopsia
7D7D7D

Achromatomaly
777D8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D7DA3 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 #6D7DA3 looks like.

```
.text, #text, p{  
    color:#6D7DA3  
}
```

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 #6D7DA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D7DA3
}
```

Border

The CSS property to change the border of an element to Hex 6D7DA3 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
#6D7DA3 }
```

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

```
.border{ border-color:#6D7DA3 }
```

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

Here you see how a box with a 4 pixel #6D7DA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D7DA3; -webkit-box-shadow:4px 4px  
4px 4px #6D7DA3; box-shadow:4px 4px 4px  
4px #6D7DA3 }
```

Background

The CSS property to change the background color of an element to Hex 6D7DA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D7DA3 }
```

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

```
.background{ background-color:#6D7DA3 }
```

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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