

Converting Colors

Hex(6D83C2)

Have a look what the booklet for
Hex(6D83C2) contains.

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Color

Hex(6D83C2)

Conversions

Conversions Part 1

Format	Color
Hex	6D83C2
RGB	109, 131, 194
RGB Percent	43%, 51%, 76%
CMY	0.5725, 0.4863, 0.2392
CMYK	0.44, 0.32, 0.00, 0.24
HSL	224°, 41%, 59%
HSV	224°, 44%, 76%
XYZ	24.1606, 23.3789, 54.2781
YIQ	131.6040, -33.3350, 14.9290

Conversions

Conversions Part 2

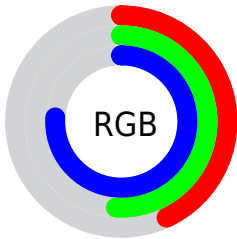
Format	Color
R _Y B	109, 126, 194
Decimal	7177154
CIE Lab	55.46, 8.71, -35.37
CIE LCh	55, 36.431, 283.838
Yxy	23.3789, 0.2373, 0.2296
Android (android.graphics.Color)	4285367234 (0xFF6D83C2)
YUV	131.6040, 30.7612, -19.8237
Hunter-Lab	48.3517, 4.5782, -32.7109

Details

The Hex color **6D83C2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **C2AC6D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **A4B8FB**, and **37528C** is the 20% darker color. If you saturate the color by 10%, you get **5A75C2**, and if you desaturate by 10%, it is **8091C2**.

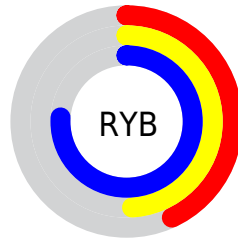
Distribution



Red (43%)

Green (51%)

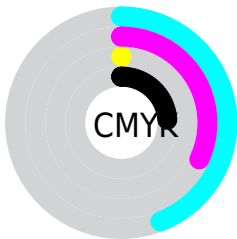
Blue (76%)



Red (43%)

Yellow (49%)

Blue (76%)

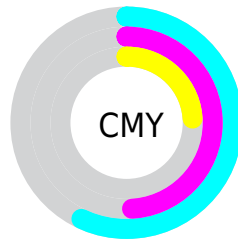


Cyan (44%)

Magenta (32%)

Yellow (0%)

Black (24%)



Cyan (57%)

Magenta (49%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D83C2 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 6D83C2 by changing the saturation by 10% instead.

■ 6D83C2

■ 6D83C2

FFFFFF

■ 526AA7

■ A4B8FB

■ 37528C

■ C0D3FF

■ 183B72

■ DDF0FF

■ 002659

■ FAFFFF

■ 001242

■ 00032B

■ 000115

■ 000000

■ 6D83C2

■ 6D83C2

■ 5A75C2

■ 8091C2

■ 4666C2

■ 94A0C2

■ 3358C2

■ A7AEC2

■ 1F49C2

■ BBBDC2

■ 0C3BC2

■ CECBC2

■ 0032C2

■ E1D9C2

■ F5E8C2

■ FFF6C2

■ FFFFC2

Harmonies

Analogous

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



2A8DC1



6D83C2



9B77B3

Triad

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



6D83C2



BB725B



3B9472

Complementary

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



6D83C2



C2AC6D

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.



679056



6D83C2



A77D48

Square

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



6D83C2



C26C77



8A8846



009593

Rectangle

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



6D83C2



B070A1



8A8846



4C9368

Sweetspot

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



6D83C2



DCE4FC



6DC2AB



6B7080



000000



808080

Same Dimension

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



6D83C2



7799FC



816DC2



575A61



002AA1



000921

Inverse Universe

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



C26D83



FC7799



AEC26D



61575A



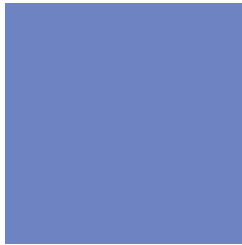
A1002A



210009

Previews

White Background



This preview shows how the Hex color 6D83C2 looks on a white background.

Color Contrast Check

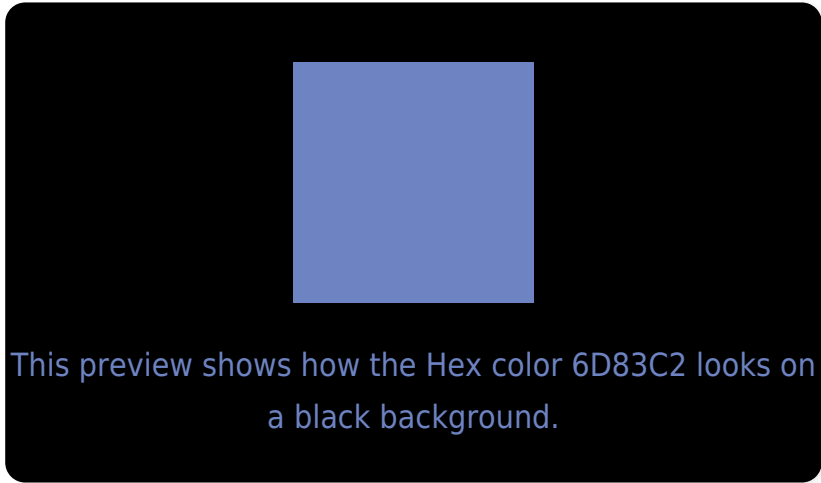
Large Text (above 18pt) WCAG AA ✓ Pass

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

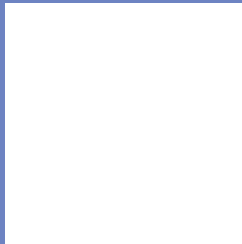
Any Text WCAG AAA × Fail

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

Hex 6D83C2 Background



This preview shows how black text looks on a background with the Hex color 6D83C2.

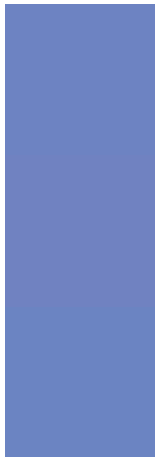


This preview shows how white text looks on a background with the Hex color 6D83C2.

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
6D83C2

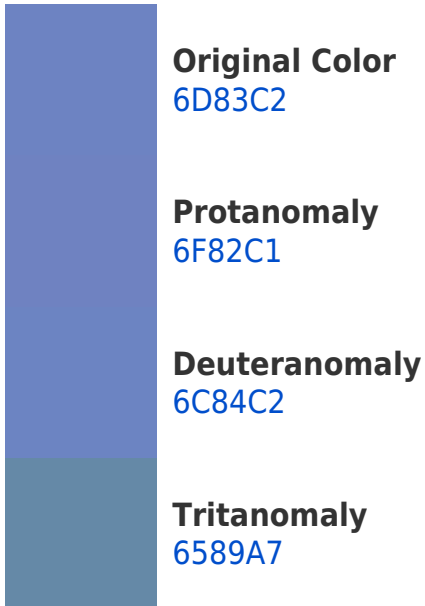
Protanopia
7082C1

Deuteranopia
6B84C2



Tritanopia
618C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D83C2 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 #6D83C2 looks like.

```
.text, #text, p{  
    color:#6D83C2  
}
```

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 #6D83C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D83C2
}
```

Border

The CSS property to change the border of an element to Hex 6D83C2 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
#6D83C2 }
```

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

```
.border{ border-color:#6D83C2 }
```

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

Here you see how a box with a 4 pixel #6D83C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D83C2; -webkit-box-shadow:4px 4px  
4px 4px #6D83C2; box-shadow:4px 4px 4px  
4px #6D83C2 }
```

Background

The CSS property to change the background color of an element to Hex 6D83C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D83C2 }
```

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

```
.background{ background-color:#6D83C2 }
```

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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