

Converting Colors

Hex(6D79B2)

Have a look what the booklet for
Hex(6D79B2) contains.

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Color

Hex(6D79B2)

Conversions

Conversions Part 1

Format	Color
Hex	6D79B2
RGB	109, 121, 178
RGB Percent	43%, 47%, 70%
CMY	0.5725, 0.5255, 0.3020
CMYK	0.39, 0.32, 0.00, 0.30
HSL	230°, 31%, 56%
HSV	230°, 39%, 70%
XYZ	21.1799, 20.1403, 44.8906
YIQ	123.9100, -25.4490, 15.1830

Conversions

Conversions Part 2

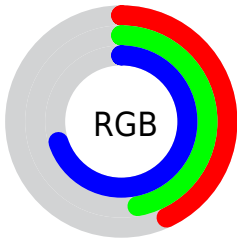
Format	Color
R _{YB}	109, 119, 178
Decimal	7174578
CIE _{Lab}	52.00, 10.05, -31.62
CIE _{LCh}	52, 33.179, 287.629
Yxy	20.1403, 0.2457, 0.2336
Android (android.graphics.Color)	4285364658 (0xFF6D79B2)
YUV	123.9100, 26.6664, -13.0761
Hunter-Lab	44.8780, 5.7058, -27.8922

Details

The Hex color **6D79B2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B2A66D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A3ADEA**, and **39497D** is the 20% darker color. If you saturate the color by 10%, you get **5B6AB2**, and if you desaturate by 10%, it is **7F88B2**.

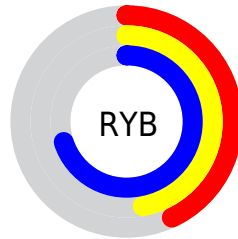
Distribution



Red (43%)

Green (47%)

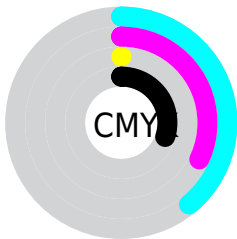
Blue (70%)



Red (43%)

Yellow (47%)

Blue (70%)

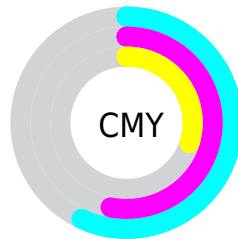


Cyan (39%)

Magenta (32%)

Yellow (0%)

Black (30%)



Cyan (57%)

Magenta (53%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D79B2 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 6D79B2 by changing the saturation by 10% instead.



6D79B2



6D79B2

FFFFFF



536097



A3ADEA



39497D



BFC8FF



1E3264



DBE5FF



001E4C



F8FFFF



000435



00021F



000001



000000



6D79B2



6D79B2

■ 5B6AB2

■ 7F88B2

■ 495CB2

■ 9196B2

■ 384DB2

■ A2A5B2

■ 263EB2

■ B4B4B2

■ 142FB2

■ C6C3B2

■ 0221B2

■ D8D1B2

■ 001FB2

■ EAE0B2

■ FBEFB2

■ FFFDB2

Harmonies

Analogous

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



3882B3



6D79B2



946EA3

Triad

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



6D79B2



AB6C53



358A6F

Complementary

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



6D79B2



B2A66D

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.



5D8655



6D79B2



987644

Square

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



6D79B2



B3666C



7D8045



008B8C

Rectangle

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



6D79B2



A56992



7D8045



448965

Sweetspot

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



6D79B2



CCD1E8



6DB2A5



656875



F5F5F5



757575

Same Dimension

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



6D79B2



7B8EE8



836DB2



505259



001B99



00041A

Inverse Universe

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



B26D79



E87B8E



9CB26D



595052



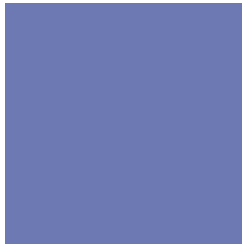
99001B



1A0004

Previews

White Background



This preview shows how the Hex color 6D79B2 looks on a white background.

Color Contrast Check

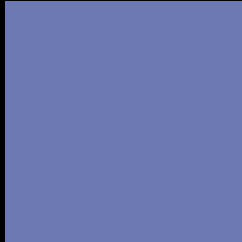
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6D79B2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

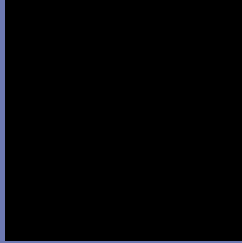
Any Text WCAG AA ✓ Pass

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 6D79B2 Background



This preview shows how black text looks on a background with the Hex color 6D79B2.



This preview shows how white text looks on a background with the Hex color 6D79B2.

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
6D79B2

Protanopia
697AB3

Deuteranopia
677BB2



Tritanopia
63818B

Trichromacy



Original Color
6D79B2

Protanomaly
6A7AB3

Deuteranomaly
697AB2

Tritanomaly
677E99

Monochromacy



Original Color
6D79B2

Achromatopsia
7C7C7C

Achromatomaly
777B90

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D79B2 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 #6D79B2 looks like.

```
.text, #text, p{  
    color:#6D79B2  
}
```

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 #6D79B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D79B2
}
```

Border

The CSS property to change the border of an element to Hex 6D79B2 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
#6D79B2 }
```

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

```
.border{ border-color:#6D79B2 }
```

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

Here you see how a box with a 4 pixel #6D79B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D79B2; -webkit-box-shadow:4px 4px  
4px 4px #6D79B2; box-shadow:4px 4px 4px  
4px #6D79B2 }
```

Background

The CSS property to change the background color of an element to Hex 6D79B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D79B2 }
```

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

```
.background{ background-color:#6D79B2 }
```

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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