

Converting Colors

Hex(6A7AB2)

Have a look what the booklet for
Hex(6A7AB2) contains.

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Color

Hex(6A7AB2)

Conversions

Conversions Part 1

Format	Color
Hex	6A7AB2
RGB	106, 122, 178
RGB Percent	42%, 48%, 70%
CMY	0.5843, 0.5216, 0.3020
CMYK	0.40, 0.31, 0.00, 0.30
HSL	227°, 32%, 56%
HSV	227°, 40%, 70%
XYZ	20.9393, 20.1976, 44.9144
YIQ	123.6000, -27.5120, 14.0240

Conversions

Conversions Part 2

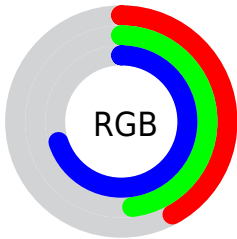
Format	Color
R_{YB}	106, 119, 178
Decimal	6978226
CIE _{Lab}	52.06, 8.62, -31.54
CIE _{LCh}	52, 32.692, 285.285
Y _{xy}	20.1976, 0.2433, 0.2347
Android (android.graphics.Color)	4285168306 (0xFF6A7AB2)
YUV	123.6000, 26.8192, -15.4352
Hunter-Lab	44.9417, 4.5188, -27.7947

Details

The Hex color **6A7AB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B2A26A**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A0AEEA**, and **364A7D** is the 20% darker color. If you saturate the color by 10%, you get **586CB2**, and if you desaturate by 10%, it is **7C88B2**.

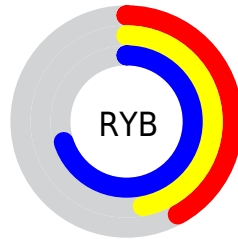
Distribution



Red (42%)

Green (48%)

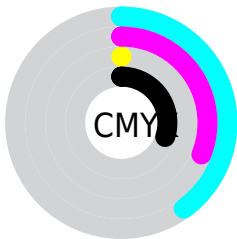
Blue (70%)



Red (42%)

Yellow (47%)

Blue (70%)

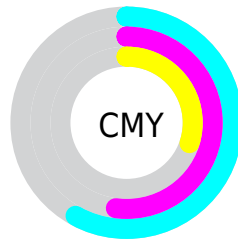


Cyan (40%)

Magenta (31%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (52%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7AB2 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 6A7AB2 by changing the saturation by 10% instead.



6A7AB2



6A7AB2

FFFFFF



506197



A0AEEA



364A7D



BCCAFF



1A3364



D8E6FF



001F4C



F5FFFF



000535



00021F



000001



000000



6A7AB2



6A7AB2

■ 586CB2

■ 7C88B2

■ 465EB2

■ 8E96B2

■ 3550B2

■ 9FA4B2

■ 2343B2

■ B1B1B2

■ 1135B2

■ C3BFB2

■ 0028B2

■ D5CDB2

■ E7DBB2

■ F8E9B2

■ FFF7B2

Harmonies

Analogous

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



3583B2



6A7AB2



9170A4

Triad

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



6A7AB2



AC6C56



3B8A6D

Complementary

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



6A7AB2



B2A26A

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.



608654



6A7AB2



9A7646

Square

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



6A7AB2



B2666F



807F45



008B8A

Rectangle

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



6A7AB2



A36A94



807F45



488964

Sweetspot

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



6A7AB2



CCD2E8



6AB2A1



656975



F5F5F5



757575

Same Dimension

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



6A7AB2



7690E8



7D6AB2



505259



002299



00061A

Inverse Universe

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



B26A7A



E87690



9FB26A



595052



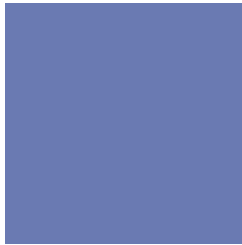
990022



1A0006

Previews

White Background



This preview shows how the Hex color 6A7AB2 looks on a white background.

Color Contrast Check

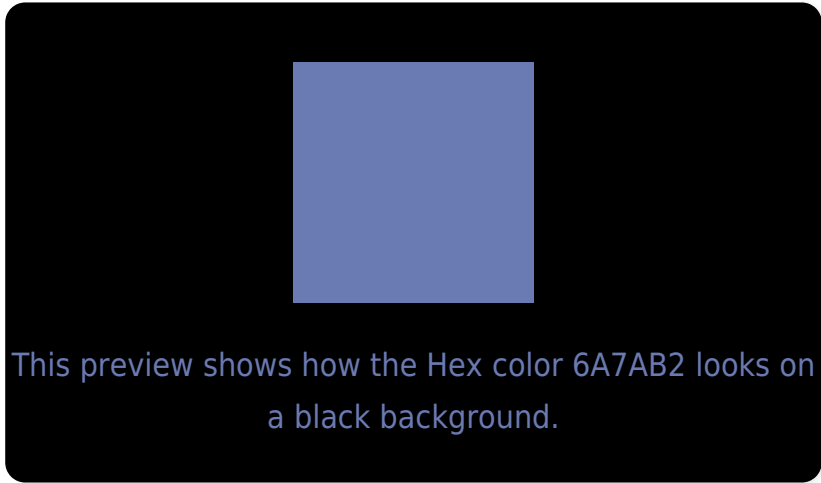
Large Text (above 18pt) WCAG AA ✓ Pass

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

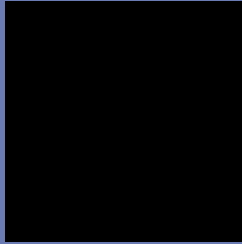
Any Text WCAG AA ✓ Pass

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 6A7AB2 Background



This preview shows how black text looks on a background with the Hex color 6A7AB2.



This preview shows how white text looks on a background with the Hex color 6A7AB2.

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
6A7AB2

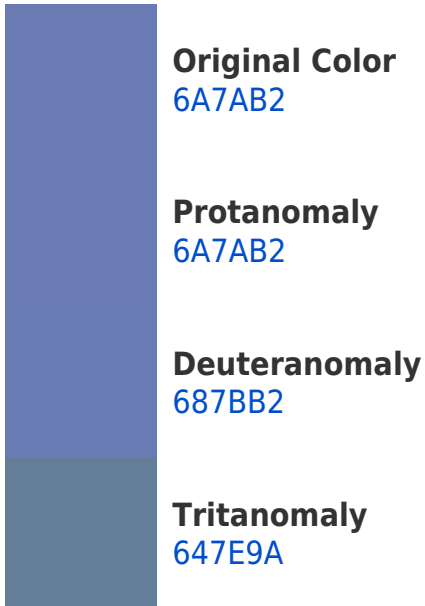
Protanopia
6A7AB2

Deuteranopia
677BB2

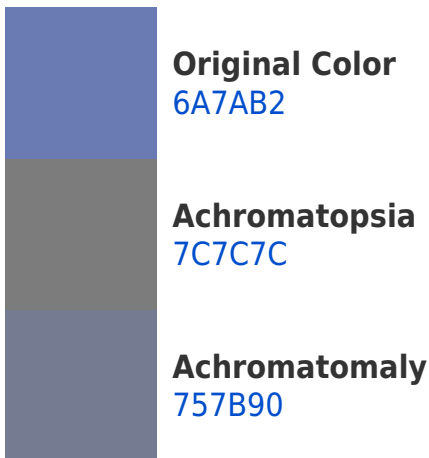


Tritanopia
60818C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7AB2 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 #6A7AB2 looks like.

```
.text, #text, p{  
    color:#6A7AB2  
}
```

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 #6A7AB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7AB2
}
```

Border

The CSS property to change the border of an element to Hex 6A7AB2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

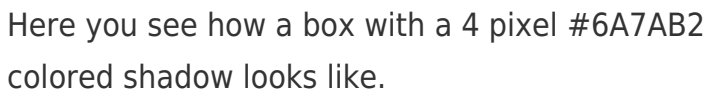
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A7AB2 }
```

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

```
.border{ border-color:#6A7AB2 }
```

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



Here you see how a box with a 4 pixel #6A7AB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7AB2; -webkit-box-shadow:4px 4px  
4px 4px #6A7AB2; box-shadow:4px 4px 4px  
4px #6A7AB2 }
```

Background

The CSS property to change the background color of an element to Hex 6A7AB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7AB2 }
```

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

```
.background{ background-color:#6A7AB2 }
```

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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