

Converting Colors

Hex(6B91DA)

Have a look what the booklet for
Hex(6B91DA) contains.

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Color

Hex(6B91DA)

Conversions

Conversions Part 1

Format	Color
Hex	6B91DA
RGB	107, 145, 218
RGB Percent	42%, 57%, 85%
CMY	0.5804, 0.4314, 0.1451
CMYK	0.51, 0.33, 0.00, 0.15
HSL	219°, 60%, 64%
HSV	219°, 51%, 85%
XYZ	28.8437, 28.4386, 70.2986
YIQ	141.9600, -46.0810, 14.6470

Conversions

Conversions Part 2

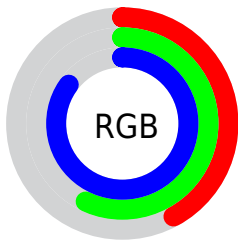
Format	Color
RYB	107, 135, 218
Decimal	7049690
CIELab	60.28, 7.20, -41.34
CIELCh	60, 41.958, 279.875
Yxy	28.4386, 0.2261, 0.2229
Android (android.graphics.Color)	4285239770 (0xFF6B91DA)
YUV	141.9600, 37.4877, -30.6599
Hunter-Lab	53.3278, 3.2226, -40.8287

Details

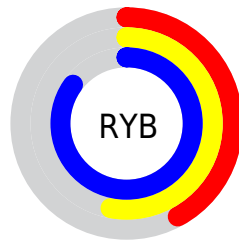
The Hex color **6B91DA** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DAB46B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A4C7FF**, and **2F5FA3** is the 20% darker color. If you saturate the color by 10%, you get **5583DA**, and if you desaturate by 10%, it is **819FDA**.

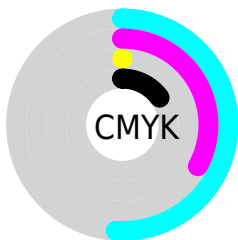
Distribution



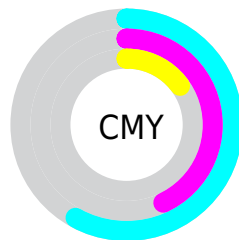
- Red (42%)
- Green (57%)
- Blue (85%)



- Red (42%)
- Yellow (53%)
- Blue (85%)



- Cyan (51%)
- Magenta (33%)
- Yellow (0%)
- Black (15%)



- Cyan (58%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B91DA 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 6B91DA by changing the saturation by 10% instead.

 6B91DA

 6B91DA

FFFFFF

 4E77BE

 A4C7FF

 2F5FA3

 C1E3FF

 004888

 DEFFFF

 00326E

 FCFFFF

 001D56

 00023E

 000327

 000111

 000000

■ 6B91DA

■ 6B91DA

■ 5583DA

■ 819FDA

■ 3F74DA

■ 97AEDA

■ 2A66DA

■ ACBCDA

■ 1458DA

■ C2CADA

■ 004BDA

■ D8D9DA

■ EEE7DA

■ FFF5DA

■ FFFFDA

Harmonies

Analogous

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



009CD6



6B91DA



A583CA

Triad

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



6B91DA



D27A64



40A377

Complementary

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



6B91DA



DAB46B

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.



749D57



6B91DA



BD864C

Square

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



6B91DA



D77386



9C9346



00A49D

Rectangle

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



6B91DA



BF7AB7



9C9346



54A16B

Sweetspot

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



6B91DA



D9E6FF



6BDAB3



697080



000000



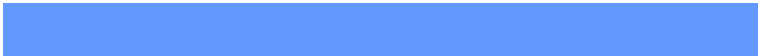
808080

Same Dimension

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



6B91DA



6399FF



7C6BDA



63666E



003BAD



00102E

Inverse Universe

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



DA6B91



FF6399



C9DA6B



6E6366



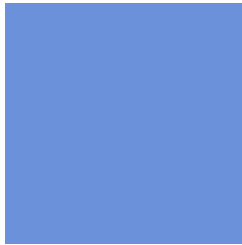
AD003B



2E0010

Previews

White Background



This preview shows how the Hex color 6B91DA looks on a white background.

Color Contrast Check

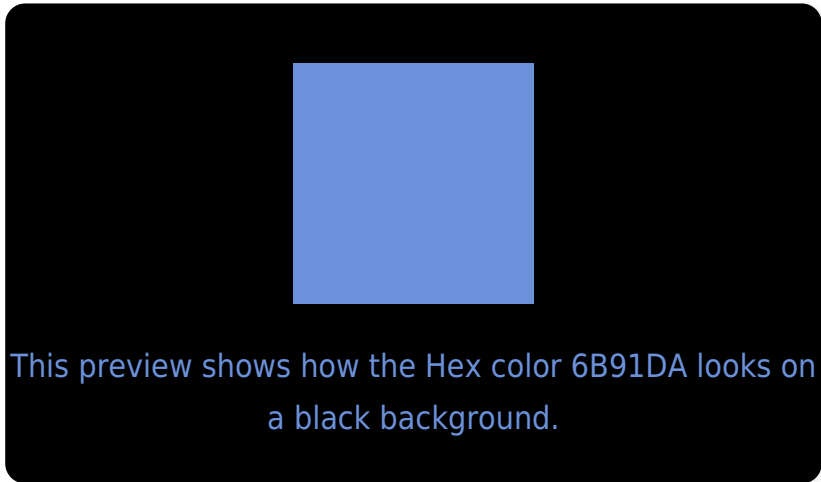
Large Text (above 18pt) WCAG AA ✓ Pass

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

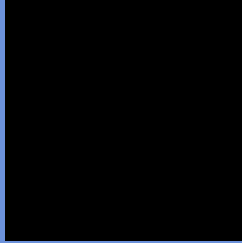
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

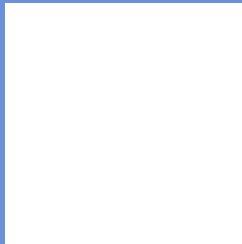
Any Text WCAG AAA × Fail

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

Hex 6B91DA Background



This preview shows how black text looks on a background with the Hex color 6B91DA.



This preview shows how white text looks on a background with the Hex color 6B91DA.

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](#).

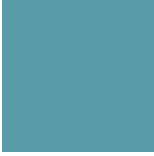
Dichromacy



Original Color
6B91DA

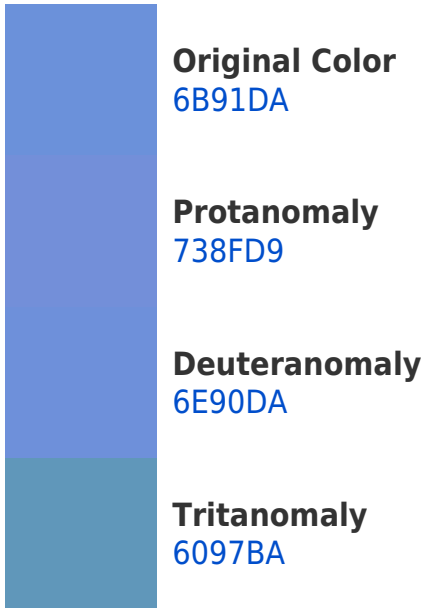
Protanopia
788ED8

Deuteranopia
6F90DA

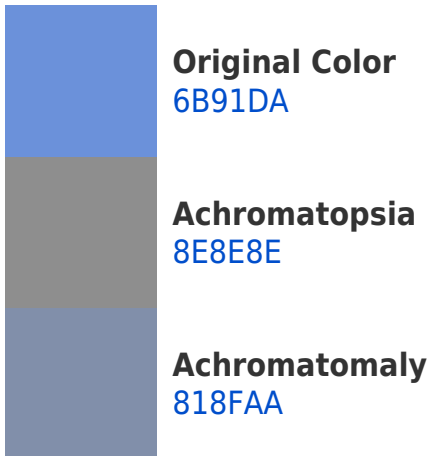


Tritanopia
5A9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B91DA 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 #6B91DA looks like.

```
.text, #text, p{  
    color:#6B91DA  
}
```

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 #6B91DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B91DA
}
```

Border

The CSS property to change the border of an element to Hex 6B91DA is called "border". The border property can be set on classes, ids or directly on the HTML element.

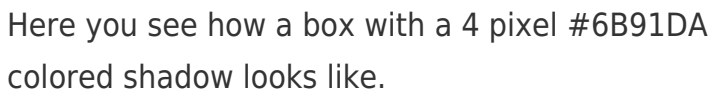
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B91DA }
```

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

```
.border{ border-color:#6B91DA }
```

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



Here you see how a box with a 4 pixel #6B91DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B91DA; -webkit-box-shadow:4px 4px  
4px 4px #6B91DA; box-shadow:4px 4px 4px  
4px #6B91DA }
```

Background

The CSS property to change the background color of an element to Hex 6B91DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B91DA }
```

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

```
.background{ background-color:#6B91DA }
```

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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