

Converting Colors

Hex(6B8ADE)

Have a look what the booklet for
Hex(6B8ADE) contains.

Hex(6B8ADE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6B8ADE)

Conversions

Conversions Part 1

Format	Color
Hex	6B8ADE
RGB	107, 138, 222
RGB Percent	42%, 54%, 87%
CMY	0.5804, 0.4588, 0.1294
CMYK	0.52, 0.38, 0.00, 0.13
HSL	224°, 64%, 65%
HSV	224°, 52%, 87%
XYZ	28.3367, 26.5767, 72.7435
YIQ	138.3070, -45.4400, 19.5520

Conversions

Conversions Part 2

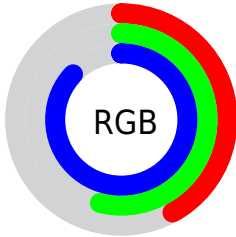
Format	Color
RYB	107, 131, 222
Decimal	7047902
CIELab	58.58, 12.55, -46.25
CIELCh	59, 47.927, 285.185
Yxy	26.5767, 0.2220, 0.2082
Android (android.graphics.Color)	4285237982 (0xFF6B8ADE)
YUV	138.3070, 41.2606, -27.4562
Hunter-Lab	51.5526, 7.8984, -47.5747

Details

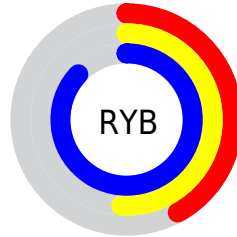
The Hex color **6B8ADE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **DEBF6B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A4BFFF**, and **2E59A6** is the 20% darker color. If you saturate the color by 10%, you get **557ADE**, and if you desaturate by 10%, it is **819ADE**.

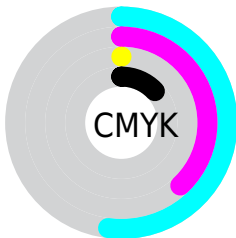
Distribution



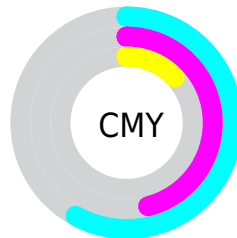
- Red (42%)
- Green (54%)
- Blue (87%)



- Red (42%)
- Yellow (51%)
- Blue (87%)



- Cyan (52%)
- Magenta (38%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (46%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8ADE 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 6B8ADE by changing the saturation by 10% instead.

■ 6B8ADE

■ 6B8ADE

FFFFFF

■ 4E71C2

■ A4BFFF

■ 2E59A6

■ C1DBFF

■ 00428C

■ DFF7FF

■ 002C72

FDFFFF

■ 001959

■ 000241

■ 00032A

■ 000114

■ 000000

 6B8ADE

 6B8ADE

 557ADE

 819ADE

 3F6ADE

 97AADE

 2859DE

 AEBBDE

 1249DE

 C4CBDE

 003CDE

 DADBDE

 F0EBDE

 FFFCDE

 FFFFDE

Harmonies

Analogous

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



0097DE



6B8ADE



AB79C8

Triad

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



6B8ADE



D17353



00A176

Complementary

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



6B8ADE



DEBF6B

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.



619B4F



6B8ADE



B68339

Square

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



6B8ADE



DB6979



909137



00A2A2

Rectangle

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



6B8ADE



C66FB1



909137



349F68

Sweetspot

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



6B8ADE



D6E1FF



6BDEBD



676E80



000000



808080

Same Dimension

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



6B8ADE



618CFF



846BDE



656870



002FB0



000D30

Inverse Universe

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



DE6B8A



FF618C



C5DE6B



706568



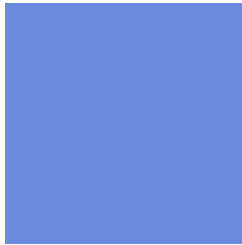
B0002F



30000D

Previews

White Background



This preview shows how the Hex color 6B8ADE looks on a white background.

Color Contrast Check

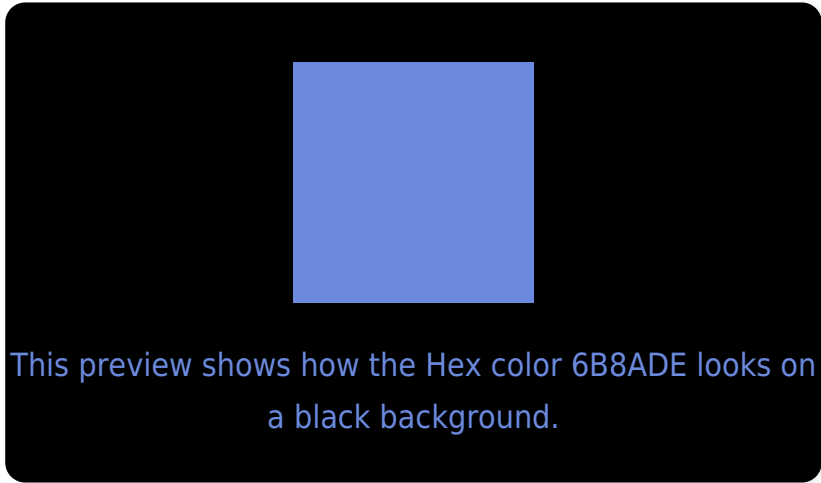
Large Text (above 18pt) WCAG AA ✓ Pass

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

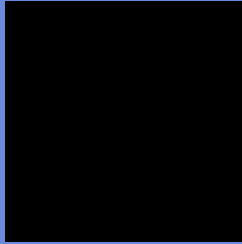
Any Text WCAG AA ✓ Pass

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 6B8ADE Background



This preview shows how black text looks on a background with the Hex color 6B8ADE.



This preview shows how white text looks on a background with the Hex color 6B8ADE.

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](#).

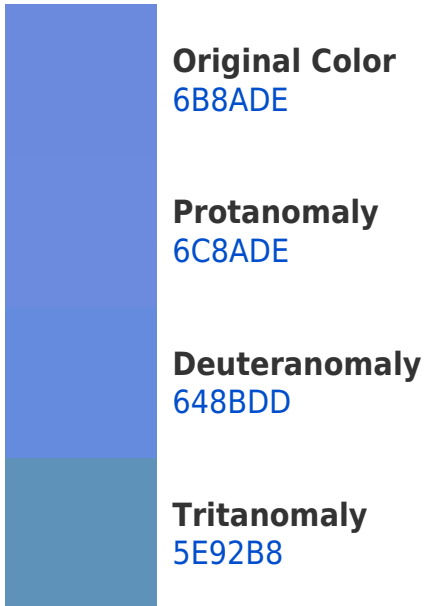
Dichromacy



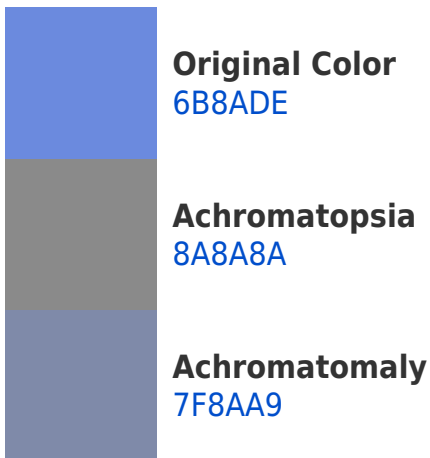


Tritanopia
5796A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8ADE 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 #6B8ADE looks like.

```
.text, #text, p{  
    color:#6B8ADE  
}
```

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 #6B8ADE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8ADE
}
```

Border

The CSS property to change the border of an element to Hex 6B8ADE 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
#6B8ADE }
```

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

```
.border{ border-color:#6B8ADE }
```

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

Here you see how a box with a 4 pixel #6B8ADE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8ADE; -webkit-box-shadow:4px 4px  
4px 4px #6B8ADE; box-shadow:4px 4px 4px  
4px #6B8ADE }
```

Background

The CSS property to change the background color of an element to Hex 6B8ADE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8ADE }
```

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

```
.background{ background-color:#6B8ADE }
```

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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