

Converting Colors

Hex(6C8DBA)

Have a look what the booklet for
Hex(6C8DBA) contains.

Hex(6C8DBA)	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(6C8DBA)

Conversions

Conversions Part 1

Format	Color
Hex	6C8DBA
RGB	108, 141, 186
RGB Percent	42%, 55%, 73%
CMY	0.5765, 0.4471, 0.2706
CMYK	0.42, 0.24, 0.00, 0.27
HSL	215°, 36%, 58%
HSV	215°, 42%, 73%
XYZ	24.5721, 25.7831, 50.1359
YIQ	136.2630, -34.1130, 6.9990

Conversions

Conversions Part 2

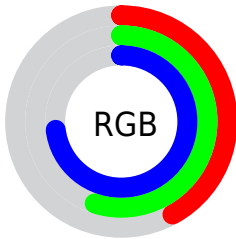
Format	Color
R _Y B	108, 131, 186
Decimal	7114170
CIE Lab	57.83, 0.29, -27.15
CIE LCh	58, 27.147, 270.603
Yxy	25.7831, 0.2445, 0.2566
Android (android.graphics.Color)	4285304250 (0xFF6C8DBA)
YUV	136.2630, 24.5203, -24.7867
Hunter-Lab	50.7770, -2.4796, -22.9975

Details

The Hex color **6C8DBA** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BA996C**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **A2C2F2**, and **375B85** is the 20% darker color. If you saturate the color by 10%, you get **5982BA**, and if you desaturate by 10%, it is **7F98BA**.

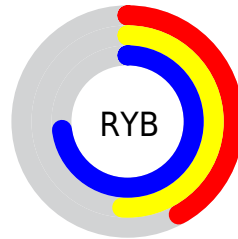
Distribution



Red (42%)

Green (55%)

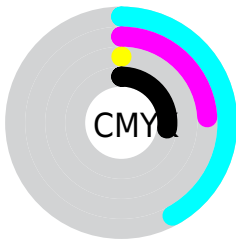
Blue (73%)



Red (42%)

Yellow (51%)

Blue (73%)

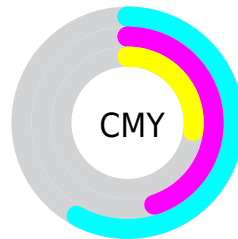


Cyan (42%)

Magenta (24%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (45%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C8DBA 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 6C8DBA by changing the saturation by 10% instead.

■ 6C8DBA

■ 6C8DBA

FFFFFF

■ 52749F

■ A2C2F2

■ 375B85

■ BEDEFF

■ 1A446B

■ DBFBFF

■ 002E53

■ F8FFFF

■ 00193B

■ 000226

■ 00010E

■ 000000

■ 6C8DBA

■ 6C8DBA

■ 5982BA

■ 7F98BA

■ 4778BA

■ 91A2BA

■ 346DBA

■ A4ADBA

■ 2262BA

■ B6B8BA

■ 0F57BA

■ C9C3BA

■ 004FBA

■ DCCDBA

■ EED8BA

■ FFE3BA

■ FFEEBA

Harmonies

Analogous

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



4A94B4



6C8DBA



8F85B4

Triad

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



6C8DBA



B97B74



669673

Complementary

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



6C8DBA



BA996C

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.



829162



6C8DBA



AF8262

Square

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



6C8DBA



B8798B



9B8A5B



4B988B

Rectangle

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



6C8DBA



A27FA9



9B8A5B



6F946C

Sweetspot

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



6C8DBA



D3E0F2



6CBA98



676F7A



FAFAFA



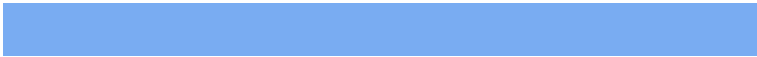
7A7A7A

Same Dimension

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



6C8DBA



79ACF2



716CBA



53575C



00429C



000C1C

Inverse Universe

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



BA6C8D



F279AC



B5BA6C



5C5357



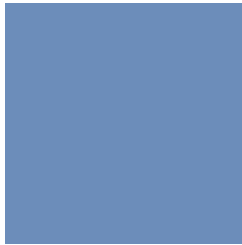
9C0042



1C000C

Previews

White Background



This preview shows how the Hex color 6C8DBA looks on a white background.

Color Contrast Check

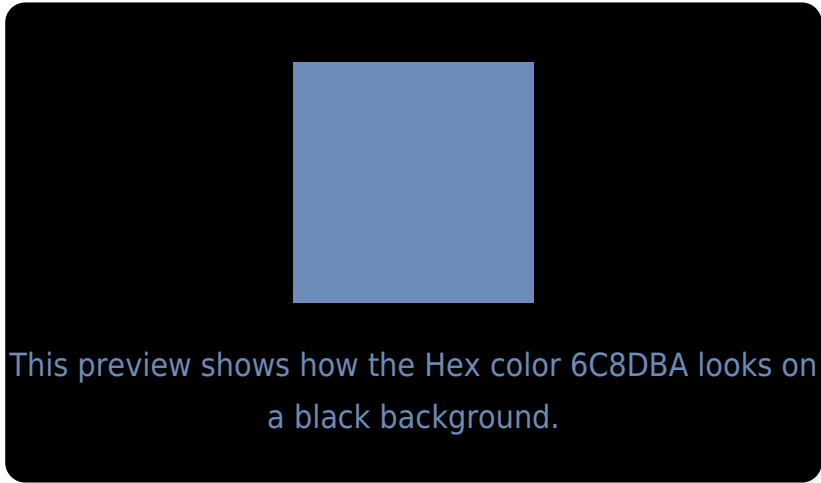
Large Text (above 18pt) WCAG AA ✓ Pass

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

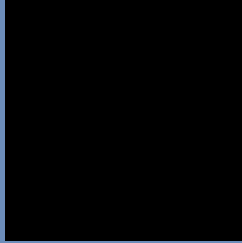
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

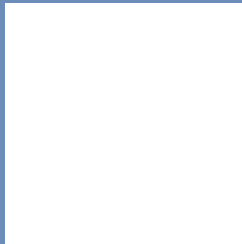
Any Text WCAG AAA × Fail

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

Hex 6C8DBA Background



This preview shows how black text looks on a background with the Hex color 6C8DBA.

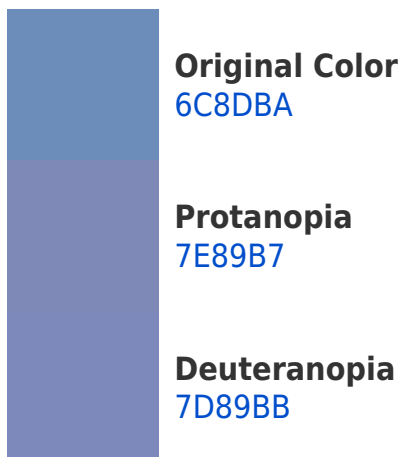


This preview shows how white text looks on a background with the Hex color 6C8DBA.

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](#).

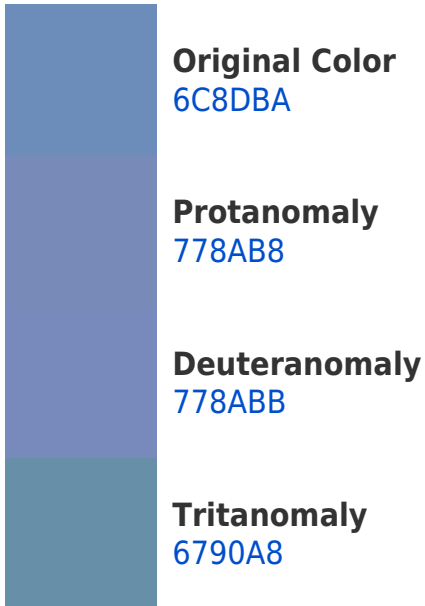
Dichromacy



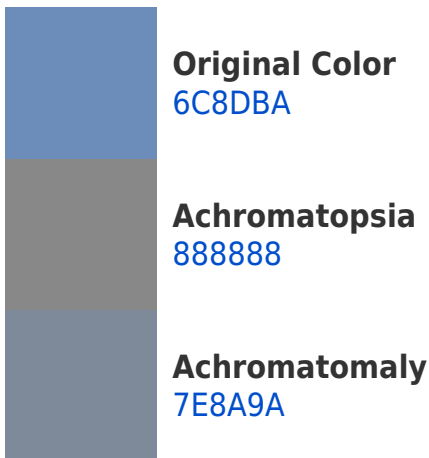


Tritanopia
64929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6C8DBA 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 #6C8DBA looks like.

```
.text, #text, p{  
    color:#6C8DBA  
}
```

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 #6C8DBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C8DBA
}
```

Border

The CSS property to change the border of an element to Hex 6C8DBA 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
#6C8DBA }
```

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

```
.border{ border-color:#6C8DBA }
```

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

Here you see how a box with a 4 pixel #6C8DBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C8DBA; -webkit-box-shadow:4px 4px  
4px 4px #6C8DBA; box-shadow:4px 4px 4px  
4px #6C8DBA }
```

Background

The CSS property to change the background color of an element to Hex 6C8DBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C8DBA }
```

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

```
.background{ background-color:#6C8DBA }
```

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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