

Converting Colors

Hex(6A6BA8)

Have a look what the booklet for
Hex(6A6BA8) contains.

Hex(6A6BA8)	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(6A6BA8)

Conversions

Conversions Part 1

Format	Color
Hex	6A6BA8
RGB	106, 107, 168
RGB Percent	42%, 42%, 66%
CMY	0.5843, 0.5804, 0.3412
CMYK	0.37, 0.36, 0.00, 0.34
HSL	239°, 26%, 54%
HSV	239°, 37%, 66%
XYZ	18.2694, 16.4067, 39.2497
YIQ	113.6550, -20.1770, 18.7590

Conversions

Conversions Part 2

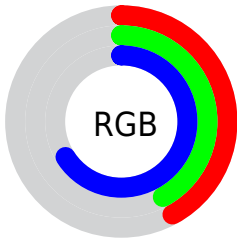
Format	Color
R _Y B	106, 107, 168
Decimal	6974376
CIE Lab	47.50, 14.83, -32.85
CIE LCh	48, 36.044, 294.304
Yxy	16.4067, 0.2471, 0.2219
Android (android.graphics.Color)	4285164456 (0xFF6A6BA8)
YUV	113.6550, 26.7921, -6.7134
Hunter-Lab	40.5052, 9.6264, -29.0986

Details

The Hex color **6A6BA8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A8A76A**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **9F9EDF**, and **373C74** is the 20% darker color. If you saturate the color by 10%, you get **595AA8**, and if you desaturate by 10%, it is **7B7CA8**.

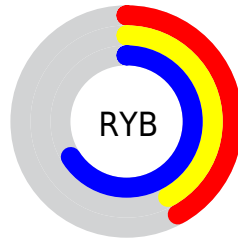
Distribution



Red (42%)

Green (42%)

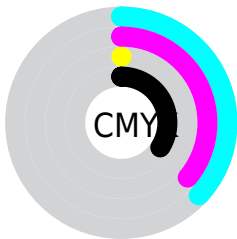
Blue (66%)



Red (42%)

Yellow (42%)

Blue (66%)

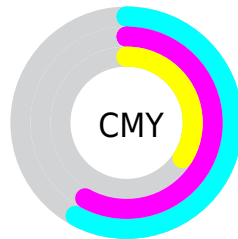


Cyan (37%)

Magenta (36%)

Yellow (0%)

Black (34%)



Cyan (58%)

Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6BA8 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 6A6BA8 by changing the saturation by 10% instead.

■ 6A6BA8

■ 6A6BA8

FFFFFF

■ 50538D

■ 9F9EDF

■ 373C74

■ BBB9FC

■ 1D265B

■ D7D5FF

■ 001243

■ F4F1FF

■ 00002C

■ 000117

■ 000000

■ 6A6BA8

■ 6A6BA8

■ 595AA8

■ 7B7CA8

■ 484AA8

■ 8C8CA8

■ 3839A8

■ 9C9DA8

■ 2729A8

■ ADADA8

■ 1618A8

■ BEBEA8

■ 0508A8

■ CFCEA8

■ 0003A8

■ E0DFA8

■ F0EFA8

■ FFFFA8

Harmonies

Analogous

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



2C76AD



6A6BA8



915F94

Triad

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



6A6BA8



9E6240



00806A

Complementary

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



6A6BA8



A8A76A

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.



467D4C



6A6BA8



886D33

Square

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



6A6BA8



AA5959



6A7637



008089

Rectangle

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



6A6BA8



A15A82



6A7637



237F5F

Sweetspot

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



6A6BA8



C3C4DB



6AA8A7



5F606E



EDEDED



6E6E6E

Same Dimension

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



6A6BA8



7B7CDB



886AA8



4C4C54



000294



000014

Inverse Universe

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



A86A6B



DB7B7C



8AA86A



544C4C



940002



140000

Previews

White Background



This preview shows how the Hex color 6A6BA8 looks on a white background.

Color Contrast Check

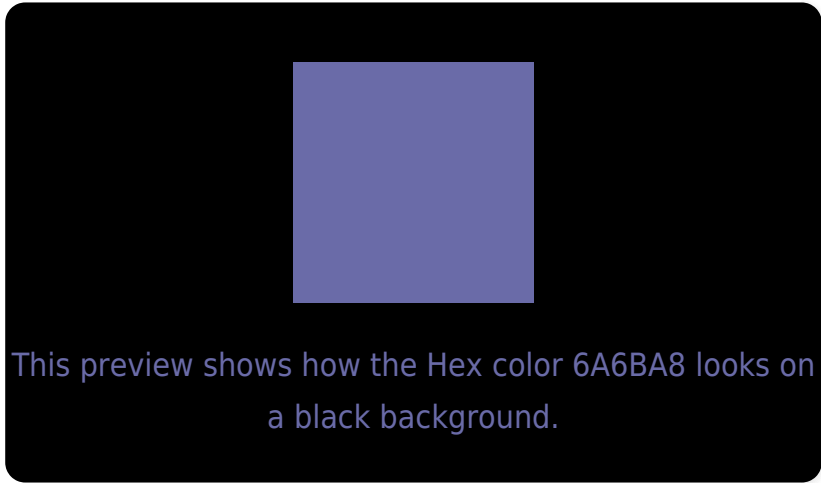
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 6A6BA8 Background



This preview shows how black text looks on a background with the Hex color 6A6BA8.

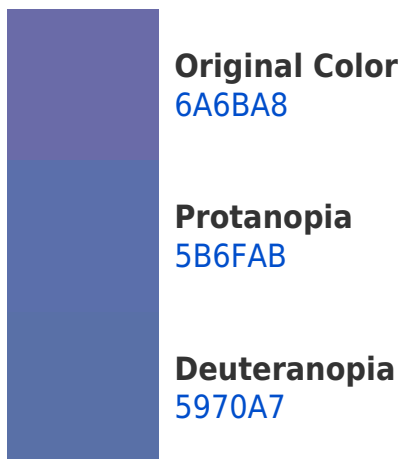


This preview shows how white text looks on a background with the Hex color 6A6BA8.

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](#).

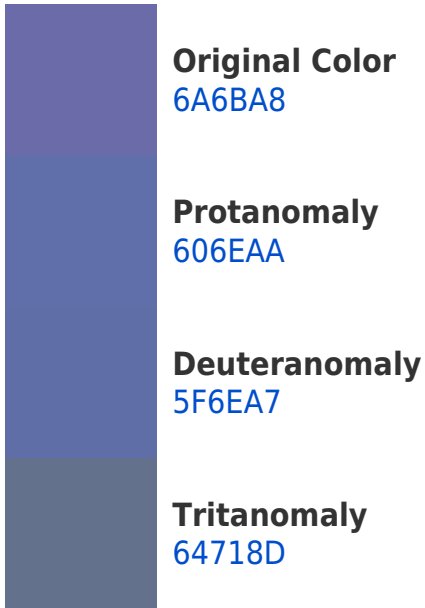
Dichromacy





Tritanopia
60747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6BA8 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 #6A6BA8 looks like.

```
.text, #text, p{  
    color:#6A6BA8  
}
```

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 #6A6BA8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6BA8
}
```

Border

The CSS property to change the border of an element to Hex 6A6BA8 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".

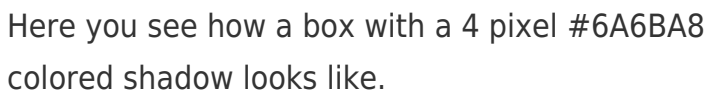
```
.border, #border, table{ border:4px solid
#6A6BA8 }
```

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

```
.border{ border-color:#6A6BA8 }
```

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

Here you see how a box with a 4 pixel #6A6BA8 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6BA8; -webkit-box-shadow:4px 4px  
4px 4px #6A6BA8; box-shadow:4px 4px 4px  
4px #6A6BA8 }
```

Background

The CSS property to change the background color of an element to Hex 6A6BA8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6BA8 }
```

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

```
.background{ background-color:#6A6BA8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor