

Converting Colors

Hex(6D6AAB)

Have a look what the booklet for
Hex(6D6AAB) contains.

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Color

Hex(6D6AAB)

Conversions

Conversions Part 1

Format	Color
Hex	6D6AAB
RGB	109, 106, 171
RGB Percent	43%, 42%, 67%
CMY	0.5725, 0.5843, 0.3294
CMYK	0.36, 0.38, 0.00, 0.33
HSL	243°, 28%, 54%
HSV	243°, 38%, 67%
XYZ	18.8114, 16.4996, 40.7213
YIQ	114.3070, -19.0770, 20.8510

Conversions

Conversions Part 2

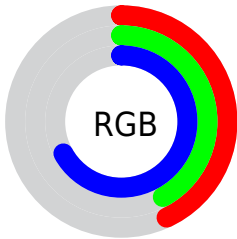
Format	Color
R _{YB}	109, 106, 171
Decimal	7170731
CIE Lab	47.62, 17.15, -34.40
CIE LCh	48, 38.436, 296.492
Yxy	16.4996, 0.2474, 0.2170
Android (android.graphics.Color)	4285360811 (0xFF6D6AAB)
YUV	114.3070, 27.9496, -4.6542
Hunter-Lab	40.6196, 11.5809, -31.0047

Details

The Hex color **6D6AAB** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **A8AB6A**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A39DE3**, and **3A3B76** is the 20% darker color. If you saturate the color by 10%, you get **5D59AB**, and if you desaturate by 10%, it is **7D7BAB**.

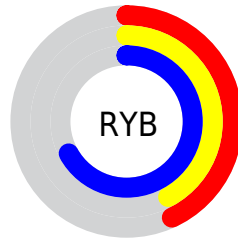
Distribution



Red (43%)

Green (42%)

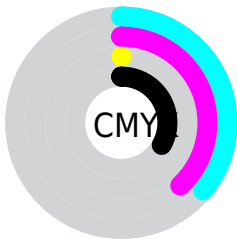
Blue (67%)



Red (43%)

Yellow (42%)

Blue (67%)

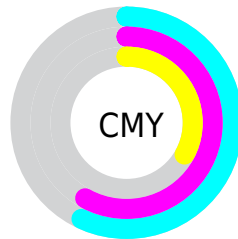


Cyan (36%)

Magenta (38%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (58%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6AAB 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 6D6AAB by changing the saturation by 10% instead.

■ 6D6AAB

■ 6D6AAB

FFFFFF

■ 535290

■ A39DE3

■ 3A3B76

■ BEB8FF

■ 1F255D

■ DBD4FF

■ 001145

■ F8F0FF

■ 00002F

■ 000119

■ 000000

■ 6D6AAB

■ 6D6AAB

■ 5D59AB

■ 7D7BAB

■ 4C48AB

■ 8E8CAB

■ 3C37AB

■ 9E9DAB

■ 2C26AB

■ AEAEAB

■ 1B14AB

■ BFBFAB

■ 0B03AB

■ CFD1AB

■ 0800AB

■ DFE2AB

■ EFF3AB

■ FFFFAB

Harmonies

Analogous

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



2876B1



6D6AAB



955D95

Triad

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



6D6AAB



A0623C



00816C

Complementary

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



6D6AAB



A8AB6A

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.



3F7E4C



6D6AAB



876E2E

Square

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



6D6AAB



AD5856



677834



00818D

Rectangle

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



6D6AAB



A55781



677834



0E8061

Sweetspot

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



6D6AAB



C7C5DE



6AA9AB



626270



F0F0F0



707070

Same Dimension

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



6D6AAB



7D78DE



8D6AAB



4E4E57



070096



010017

Inverse Universe

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



AB6AA8



DE78D9



88AB6A



574E56



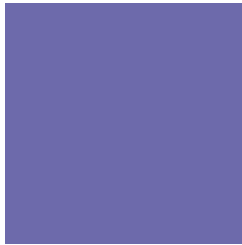
960090



170016

Previews

White Background



This preview shows how the Hex color 6D6AAB looks on a white background.

Color Contrast Check

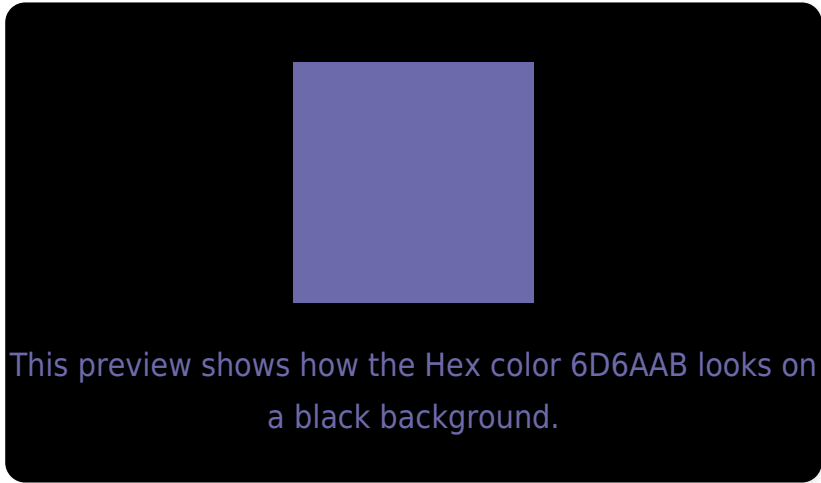
Large Text (above 18pt) WCAG AA ✓ Pass

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

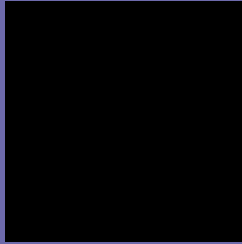
Any Text WCAG AA × Fail

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 6D6AAB Background



This preview shows how black text looks on a background with the Hex color 6D6AAB.

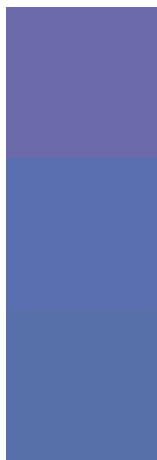


This preview shows how white text looks on a background with the Hex color 6D6AAB.

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
6D6AAB

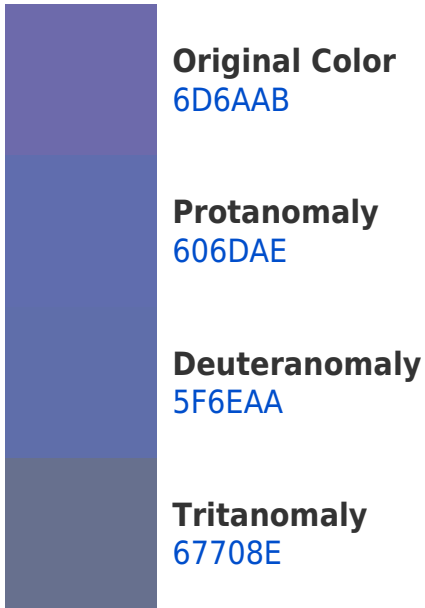
Protanopia
596FAF

Deuteranopia
5770AA

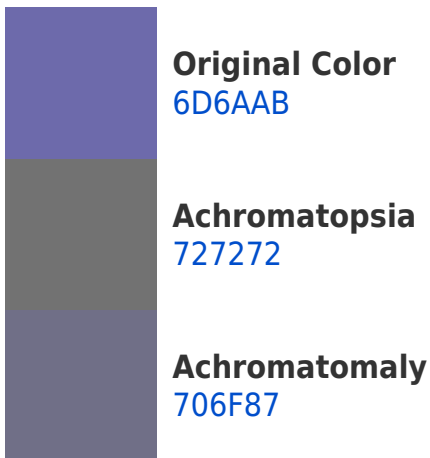


Tritanopia
63747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6AAB 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 #6D6AAB looks like.

```
.text, #text, p{  
    color:#6D6AAB  
}
```

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 #6D6AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6AAB
}
```

Border

The CSS property to change the border of an element to Hex 6D6AAB 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
#6D6AAB }
```

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

```
.border{ border-color:#6D6AAB }
```

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

Here you see how a box with a 4 pixel #6D6AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6AAB; -webkit-box-shadow:4px 4px  
4px 4px #6D6AAB; box-shadow:4px 4px 4px  
4px #6D6AAB }
```

Background

The CSS property to change the background color of an element to Hex 6D6AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6AAB }
```

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

```
.background{ background-color:#6D6AAB }
```

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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