

Converting Colors

Hex(6A6CBA)

Have a look what the booklet for
Hex(6A6CBA) contains.

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Color

Hex(6A6CBA)

Conversions

Conversions Part 1

Format	Color
Hex	6A6CBA
RGB	106, 108, 186
RGB Percent	42%, 42%, 73%
CMY	0.5843, 0.5765, 0.2706
CMYK	0.43, 0.42, 0.00, 0.27
HSL	238°, 37%, 57%
HSV	238°, 43%, 73%
XYZ	20.1693, 17.3345, 48.7372
YIQ	116.2940, -26.2300, 23.8340

Conversions

Conversions Part 2

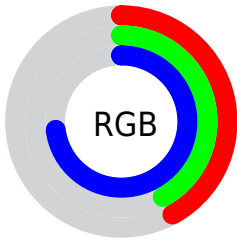
Format	Color
R _Y B	106, 108, 186
Decimal	6974650
CIE Lab	48.68, 19.44, -41.48
CIE LCh	49, 45.807, 295.118
Yxy	17.3345, 0.2339, 0.2010
Android (android.graphics.Color)	4285164730 (0xFF6A6CBA)
YUV	116.2940, 34.3651, -9.0278
Hunter-Lab	41.6347, 13.6112, -40.2601

Details

The Hex color **6A6CBA** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BAB86A**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A19FF3**, and **343D84** is the 20% darker color. If you saturate the color by 10%, you get **575ABA**, and if you desaturate by 10%, it is **7D7EBA**.

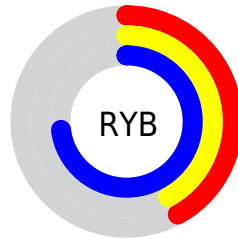
Distribution



Red (42%)

Green (42%)

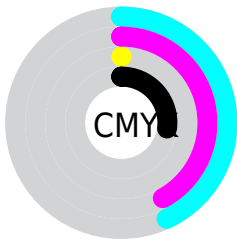
Blue (73%)



Red (42%)

Yellow (42%)

Blue (73%)

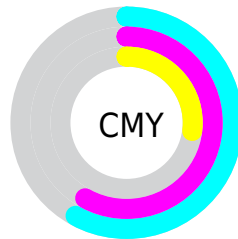


Cyan (43%)

Magenta (42%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (58%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6CBA 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 6A6CBA by changing the saturation by 10% instead.

■ 6A6CBA

■ 6A6CBA

FFFFFF

■ 4F549F

■ A19FF3

■ 343D84

■ BDBAFF

■ 14276B

■ D9D6FF

■ 001352

■ F7F2FF

■ 00003B

■ 000224

■ 00000B

■ 000000

■ 6A6CBA

■ 6A6CBA

■ 575ABA

■ 7D7EBA

■ 4548BA

■ 8F90BA

■ 3236BA

■ A2A2BA

■ 2023BA

■ B4B5BA

■ 0D11BA

■ C7C7BA

■ 0005BA

■ DAD9BA

■ ECEBBA

■ FFFDBA

■ FFFFBA

Harmonies

Analogous

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



007AC1



6A6CBA



9D5CA0

Triad

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



6A6CBA



AB6134



00866C

Complementary

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



6A6CBA



BAB86A

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.



368345



6A6CBA



8E6F21

Square

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



6A6CBA



BA5355



697B28



008693

Rectangle

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



6A6CBA



B15389



697B28



00855E

Sweetspot

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



6A6CBA



D3D4F2



6ABAB7



67677A



FAFAFA



7A7A7A

Same Dimension

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



6A6CBA



7477F2



8F6ABA



53535C



00049C



00011C

Inverse Universe

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



BA6A6C



F27477



95BA6A



5C5353



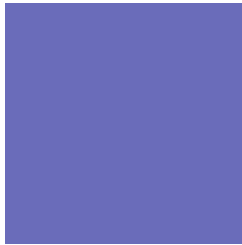
9C0004



1C0001

Previews

White Background



This preview shows how the Hex color 6A6CBA looks on a white background.

Color Contrast Check

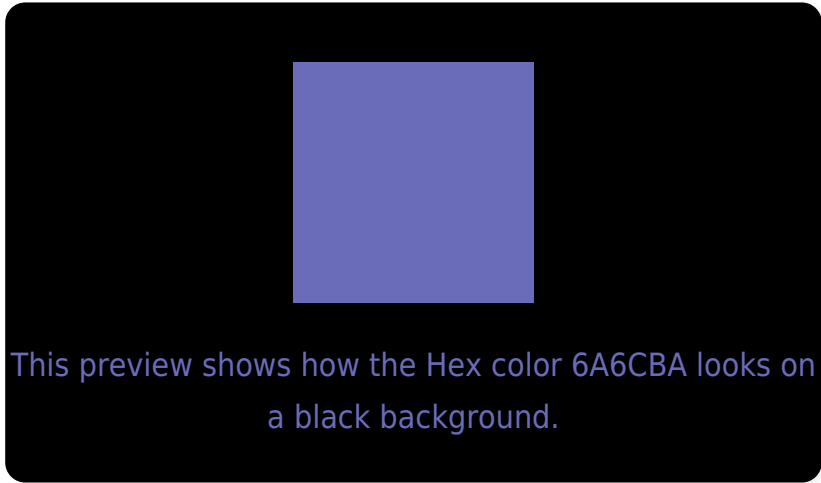
Large Text (above 18pt) WCAG AA ✓ Pass

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

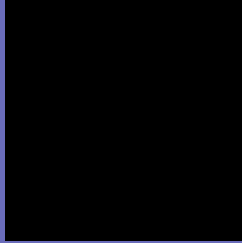
Any Text WCAG AA × Fail

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 6A6CBA Background



This preview shows how black text looks on a background with the Hex color 6A6CBA.

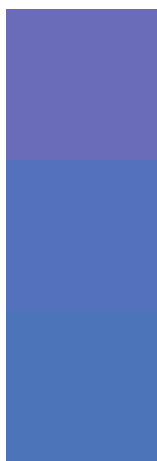


This preview shows how white text looks on a background with the Hex color 6A6CBA.

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
6A6CBA

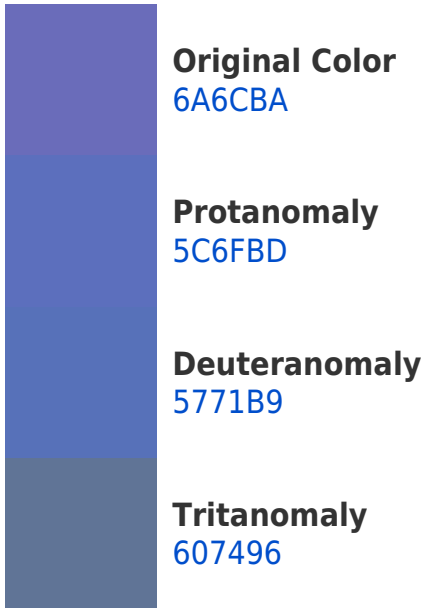
Protanopia
5471BE

Deuteranopia
4C74B8

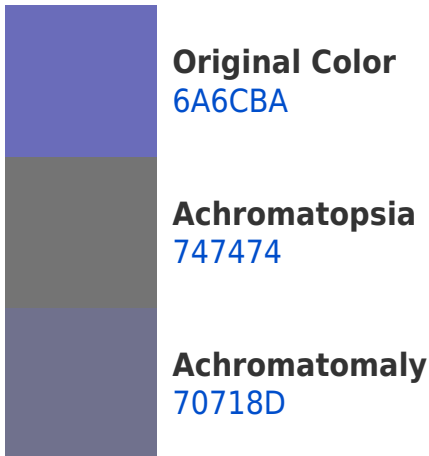


Tritanopia
5B7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6CBA 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 #6A6CBA looks like.

```
.text, #text, p{  
    color:#6A6CBA  
}
```

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 #6A6CBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6CBA
}
```

Border

The CSS property to change the border of an element to Hex 6A6CBA 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
#6A6CBA }
```

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

```
.border{ border-color:#6A6CBA }
```

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

Here you see how a box with a 4 pixel #6A6CBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6CBA; -webkit-box-shadow:4px 4px  
4px 4px #6A6CBA; box-shadow:4px 4px 4px  
4px #6A6CBA }
```

Background

The CSS property to change the background color of an element to Hex 6A6CBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6CBA }
```

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

```
.background{ background-color:#6A6CBA }
```

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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