

Converting Colors

Hex(6E6DB2)

Have a look what the booklet for
Hex(6E6DB2) contains.

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Color

Hex(6E6DB2)

Conversions

Conversions Part 1

Format	Color
Hex	6E6DB2
RGB	110, 109, 178
RGB Percent	43%, 43%, 70%
CMY	0.5686, 0.5725, 0.3020
CMYK	0.38, 0.39, 0.00, 0.30
HSL	241°, 31%, 56%
HSV	241°, 39%, 70%
XYZ	19.9349, 17.4666, 44.4402
YIQ	117.1650, -21.5530, 21.6710

Conversions

Conversions Part 2

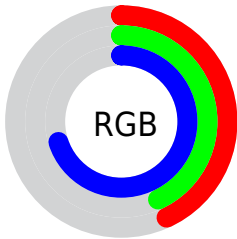
Format	Color
R _Y B	110, 109, 178
Decimal	7237042
CIE Lab	48.84, 17.58, -36.56
CIE LCh	49, 40.564, 295.680
Yxy	17.4666, 0.2436, 0.2134
Android (android.graphics.Color)	4285427122 (0xFF6E6DB2)
YUV	117.1650, 29.9917, -6.2837
Hunter-Lab	41.7931, 12.0050, -33.7902

Details

The Hex color **6E6DB2** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B1B26D**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **A4A0EA**, and **3A3E7D** is the 20% darker color. If you saturate the color by 10%, you get **5C5BB2**, and if you desaturate by 10%, it is **807FB2**.

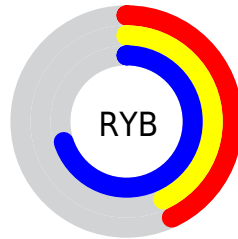
Distribution



Red (43%)

Green (43%)

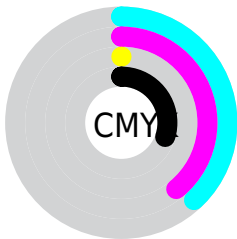
Blue (70%)



Red (43%)

Yellow (43%)

Blue (70%)

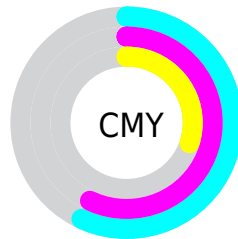


Cyan (38%)

Magenta (39%)

Yellow (0%)

Black (30%)



Cyan (57%)

Magenta (57%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E6DB2 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 6E6DB2 by changing the saturation by 10% instead.



6E6DB2



6E6DB2

FFFFFF



545597



A4A0EA



3A3E7D



C0BBFF



1F2864



DCD7FF



00144B



F9F4FF



000034



00021E



000000



6E6DB2



6E6DB2



5C5BB2



807FB2

4B49B2

9191B2

3938B2

A3A2B2

2826B2

B4B4B2

1614B2

C6C6B2

0502B2

D7D8B2

0300B2

E9EAB2

FAFBB2

FFFFB2

Harmonies

Analogous

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



1D79B8



6E6DB2



9A5F9B

Triad

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



6E6DB2



A6643C



00856E

Complementary

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



6E6DB2



B1B26D

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.



40824C



6E6DB2



8C702D

Square

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



6E6DB2



B35958



6A7B33



008591

Rectangle

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



6E6DB2



AB5986



6A7B33



058462

Sweetspot

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



6E6DB2



CDCCE8



6DB2B2



656575



F5F5F5



757575

Same Dimension

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



6E6DB2



7D7BE8



906DB2



505059



020099



00001A

Inverse Universe

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



B26DB1



E87BE6



90B26D



595059



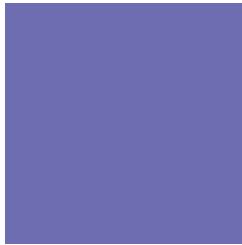
990097



1A0019

Previews

White Background



This preview shows how the Hex color 6E6DB2 looks on a white background.

Color Contrast Check

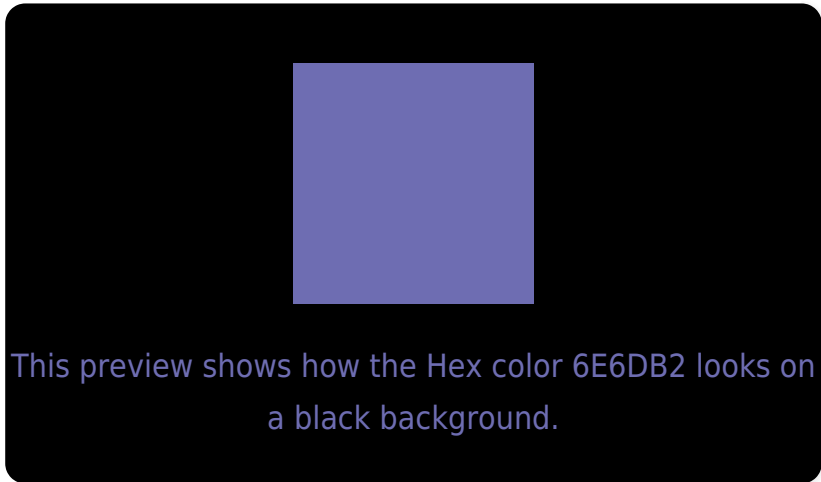
Large Text (above 18pt) WCAG AA ✓ Pass

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

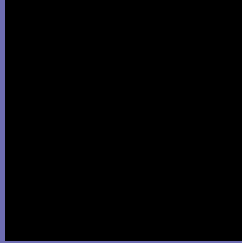
Any Text WCAG AA × Fail

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 6E6DB2 Background



This preview shows how black text looks on a background with the Hex color 6E6DB2.

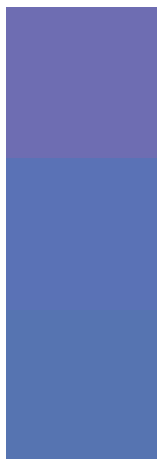


This preview shows how white text looks on a background with the Hex color 6E6DB2.

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
6E6DB2

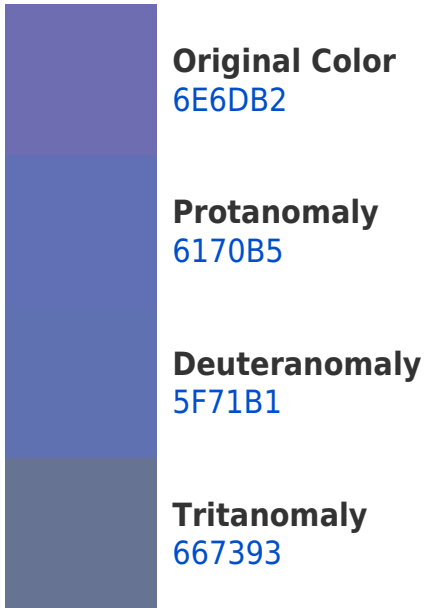
Protanopia
5A72B6

Deuteranopia
5674B1

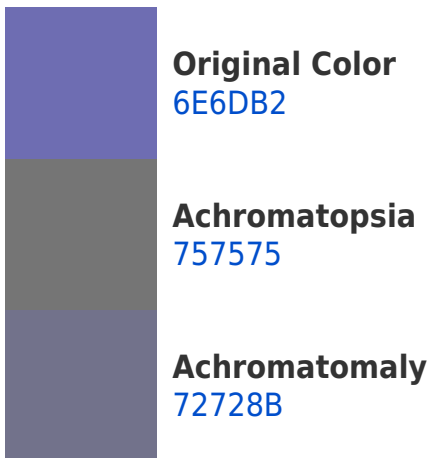


Tritanopia
627781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E6DB2 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 #6E6DB2 looks like.

```
.text, #text, p{  
    color:#6E6DB2  
}
```

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 #6E6DB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6DB2
}
```

Border

The CSS property to change the border of an element to Hex 6E6DB2 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".

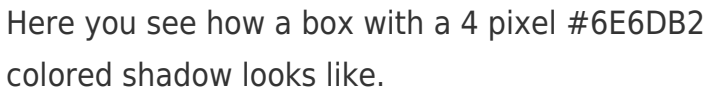
```
.border, #border, table{ border:4px solid
#6E6DB2 }
```

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

```
.border{ border-color:#6E6DB2 }
```

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

Here you see how a box with a 4 pixel #6E6DB2 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 #6E6DB2; -webkit-box-shadow:4px 4px  
4px 4px #6E6DB2; box-shadow:4px 4px 4px  
4px #6E6DB2 }
```

Background

The CSS property to change the background color of an element to Hex 6E6DB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6DB2 }
```

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

```
.background{ background-color:#6E6DB2 }
```

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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