

Converting Colors

Hex(6E4DD2)

Have a look what the booklet for
Hex(6E4DD2) contains.

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Color

Hex(6E4DD2)

Conversions

Conversions Part 1

Format	Color
Hex	6E4DD2
RGB	110, 77, 210
RGB Percent	43%, 30%, 82%
CMY	0.5686, 0.6980, 0.1765
CMYK	0.48, 0.63, 0.00, 0.18
HSL	255°, 60%, 56%
HSV	255°, 63%, 82%
XYZ	20.7171, 13.2759, 62.4434
YIQ	102.0290, -23.0250, 48.3590

Conversions

Conversions Part 2

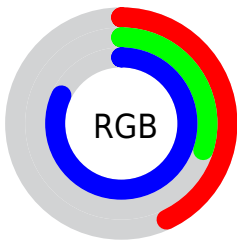
Format	Color
R_{YB}	110, 77, 210
Decimal	7228882
CIE _{Lab}	43.18, 45.84, -64.14
CIE _{LCh}	43, 78.834, 305.553
Yxy	13.2759, 0.2148, 0.1377
Android (android.graphics.Color)	4285418962 (0xFF6E4DD2)
YUV	102.0290, 53.2297, 6.9906
Hunter-Lab	36.4361, 37.7298, -76.1046

Details

The Hex color **6E4DD2** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B1D24D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A880FF**, and **301D9A** is the 20% darker color. If you saturate the color by 10%, you get **5E38D2**, and if you desaturate by 10%, it is **7E62D2**.

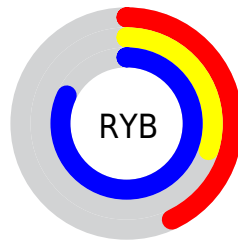
Distribution



Red (43%)

Green (30%)

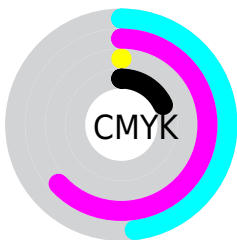
Blue (82%)



Red (43%)

Yellow (30%)

Blue (82%)

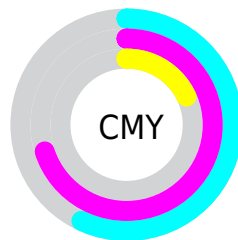


Cyan (48%)

Magenta (63%)

Yellow (0%)

Black (18%)



Cyan (57%)

Magenta (70%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E4DD2 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 6E4DD2 by changing the saturation by 10% instead.

6E4DD2

6E4DD2

FFFFFF

5035B6

A880FF

301D9A

C69AFF

000480

E3B5FF

000066

FFD1FF

00004D

FFEEFF

000535

00021F

000002

000000

6E4DD2

6E4DD2

5E38D2

7E62D2

4E23D2

8E77D2

3F0ED2

9D8CD2

3400D2

ADA1D2

BDB6D2

CDCBD2

DDE0D2

ECF5D2

FCFFD2

Harmonies

Analogous

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



006CEA



6E4DD2



BA119D

Triad

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



6E4DD2



A64D00



008071

Complementary

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



6E4DD2



B1D24D

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.



007D2A



6E4DD2



726800

Square

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



6E4DD2



C91A1D



247600



0080B1

Rectangle

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



6E4DD2



CF0073



247600



007F5A

Sweetspot

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



6E4DD2



DBCFFF



4DB3D2



696280



000000



808080

Same Dimension

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



6E4DD2



6D3DFF



AF4DD2



615E69



2A00A8



0A0029

Inverse Universe

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



D24DB1



FF3DCF



70D24D



695E66



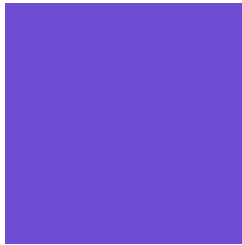
A8007F



29001F

Previews

White Background



This preview shows how the Hex color 6E4DD2 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

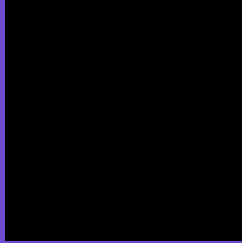
Any Text WCAG AA × Fail

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 6E4DD2 Background



This preview shows how black text looks on a background with the Hex color 6E4DD2.

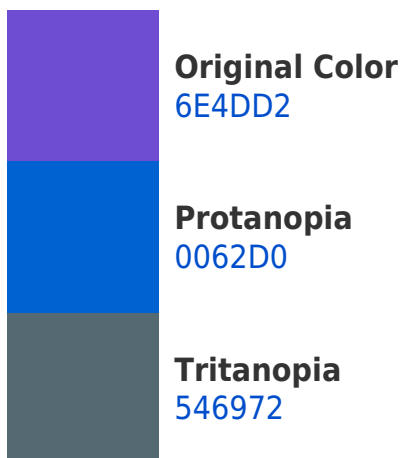


This preview shows how white text looks on a background with the Hex color 6E4DD2.

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



Trichromacy



Original Color
6E4DD2

Protanomaly
285AD1

Tritanomaly
5D5F95

Monochromacy



Original Color
6E4DD2

Achromatopsia
666666

Achromatomaly
695D8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E4DD2 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 #6E4DD2 looks like.

```
.text, #text, p{  
    color:#6E4DD2  
}
```

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 #6E4DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E4DD2
}
```

Border

The CSS property to change the border of an element to Hex 6E4DD2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

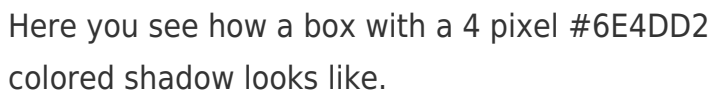
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E4DD2 }
```

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

```
.border{ border-color:#6E4DD2 }
```

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



Here you see how a box with a 4 pixel #6E4DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E4DD2; -webkit-box-shadow:4px 4px  
4px 4px #6E4DD2; box-shadow:4px 4px 4px  
4px #6E4DD2 }
```

Background

The CSS property to change the background color of an element to Hex 6E4DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E4DD2 }
```

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

```
.background{ background-color:#6E4DD2 }
```

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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