

Converting Colors

Hex(6E53CD)

Have a look what the booklet for
Hex(6E53CD) contains.

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Color

Hex(6E53CD)

Conversions

Conversions Part 1

Format	Color
Hex	6E53CD
RGB	110, 83, 205
RGB Percent	43%, 33%, 80%
CMY	0.5686, 0.6745, 0.1961
CMYK	0.46, 0.60, 0.00, 0.20
HSL	253°, 55%, 56%
HSV	253°, 60%, 80%
XYZ	20.5431, 13.9093, 59.3596
YIQ	104.9810, -23.0700, 43.6660

Conversions

Conversions Part 2

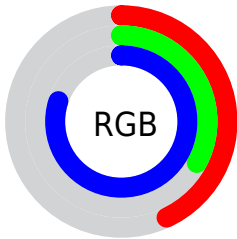
Format	Color
R_{YB}	110, 83, 205
Decimal	7230413
CIE _{Lab}	44.10, 41.00, -59.76
CIE _{LCh}	44, 72.471, 304.454
Yxy	13.9093, 0.2190, 0.1483
Android (android.graphics.Color)	4285420493 (0xFF6E53CD)
YUV	104.9810, 49.3094, 4.4017
Hunter-Lab	37.2952, 33.0558, -68.2604

Details

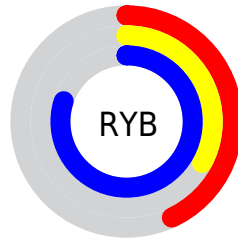
The Hex color **6E53CD** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **B2CD53**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A786FF**, and **322496** is the 20% darker color. If you saturate the color by 10%, you get **5E3FCD**, and if you desaturate by 10%, it is **7E68CD**.

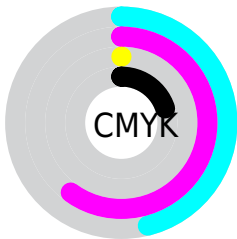
Distribution



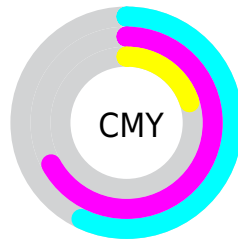
- Red (43%)
- Green (33%)
- Blue (80%)



- Red (43%)
- Yellow (33%)
- Blue (80%)



- Cyan (46%)
- Magenta (60%)
- Yellow (0%)
- Black (20%)



- Cyan (57%)
- Magenta (67%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Hex color 6E53CD 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 6E53CD by changing the saturation by 10% instead.

 6E53CD

 6E53CD

FFFFFF

 513BB1


 A786FF

 322496

 C4A0FF

 040D7B

 E2BBFF

 000062

 FFD7FF

 000049

 FFF4FF

 000431

 00011B

 000000

 6E53CD

 6E53CD

■ 5E3FCD

■ 7E68CD

■ 4E2ACD

■ 8E7CCD

■ 3E16CD

■ 9E91CD

■ 2E01CD

■ AEA5CD

■ 2D00CD

■ BEBACD

■ CECECD

■ DEE3CD

■ EEF7CD

■ FEFFCD

Harmonies

Analogous

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



006EE2



6E53CD



B52A9D

Triad

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



6E53CD



A75000



008170

Complementary

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



6E53CD



B2CD53

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.



007E30



6E53CD



776900

Square

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



6E53CD



C72A27



357700



0081AC

Rectangle

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



6E53CD



CA0376



357700



00815B

Sweetspot

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



6E53CD



DBD1FF



53B3CD



6A6380



000000



808080

Same Dimension

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



6E53CD



724AFF



AA53CD



5E5C66



2500A6



080026

Inverse Universe

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



CD53B2



FF4AD7



76CD53



665C64



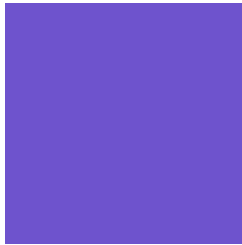
A60081



26001E

Previews

White Background



This preview shows how the Hex color 6E53CD looks on a white background.

Color Contrast Check

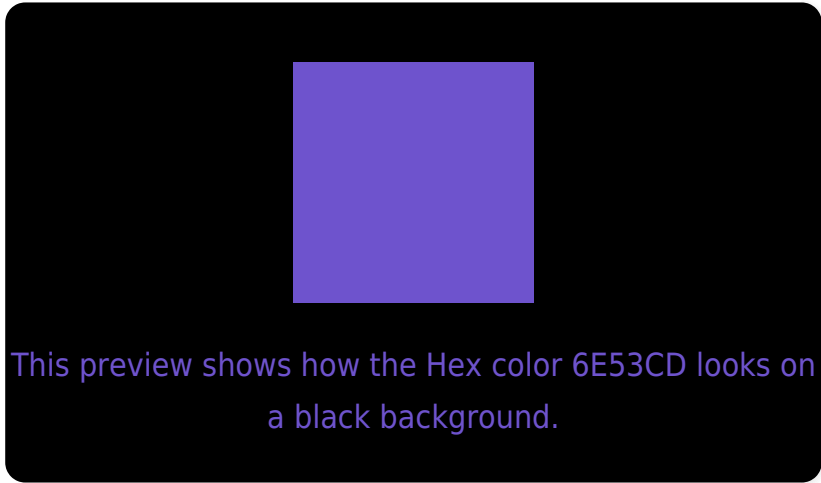
Large Text (above 18pt) WCAG AA ✓ Pass

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

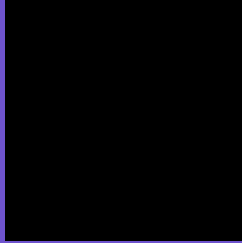
Any Text WCAG AA × Fail

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 6E53CD Background



This preview shows how black text looks on a background with the Hex color 6E53CD.

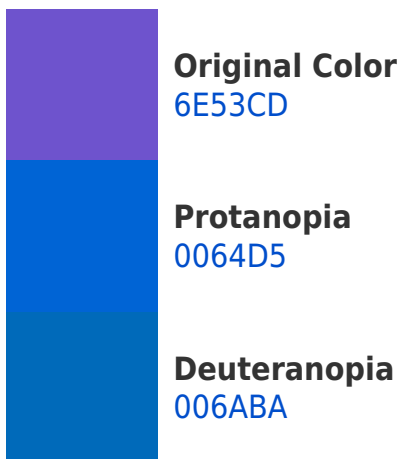



This preview shows how white text looks on a background with the Hex color 6E53CD.

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](#).

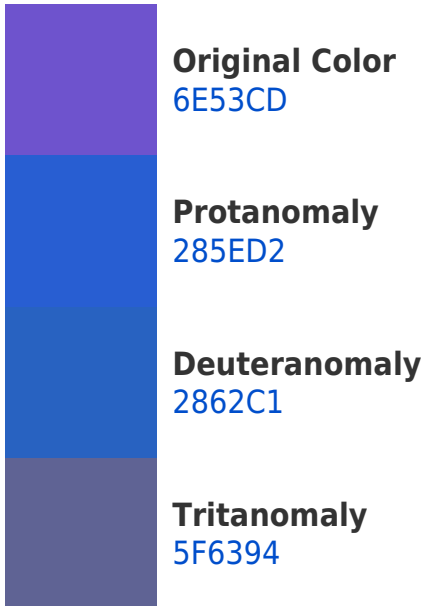
Dichromacy



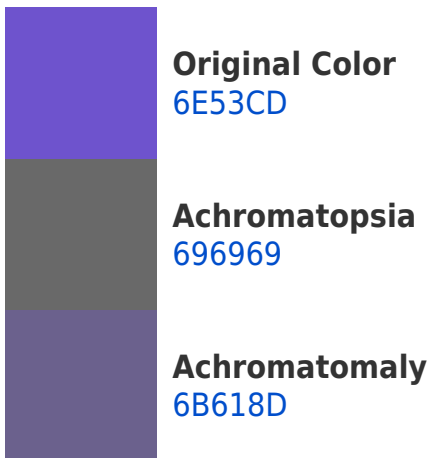


Tritanopia
566C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6E53CD 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 #6E53CD looks like.

```
.text, #text, p{  
    color:#6E53CD  
}
```

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 #6E53CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E53CD
}
```

Border

The CSS property to change the border of an element to Hex 6E53CD is called "border". The border property can be set on classes, ids or directly on the HTML element.

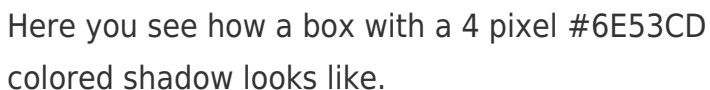
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E53CD }
```

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

```
.border{ border-color:#6E53CD }
```

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



Here you see how a box with a 4 pixel #6E53CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E53CD; -webkit-box-shadow:4px 4px  
4px 4px #6E53CD; box-shadow:4px 4px 4px  
4px #6E53CD }
```

Background

The CSS property to change the background color of an element to Hex 6E53CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E53CD }
```

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

```
.background{ background-color:#6E53CD }
```

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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