

Converting Colors

Hex(6B4ED5)

Have a look what the booklet for
Hex(6B4ED5) contains.

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Color

Hex(6B4ED5)

Conversions

Conversions Part 1

Format	Color
Hex	6B4ED5
RGB	107, 78, 213
RGB Percent	42%, 31%, 84%
CMY	0.5804, 0.6941, 0.1647
CMYK	0.50, 0.63, 0.00, 0.16
HSL	253°, 62%, 57%
HSV	253°, 63%, 84%
XYZ	20.7980, 13.3787, 64.4370
YIQ	102.0610, -26.0510, 48.1330

Conversions

Conversions Part 2

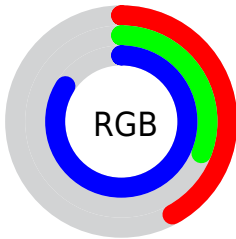
Format	Color
R_{YB}	107, 78, 213
Decimal	7032533
CIE _{Lab}	43.33, 45.57, -65.62
CIE _{LCh}	43, 79.897, 304.778
Yxy	13.3787, 0.2109, 0.1357
Android (android.graphics.Color)	4285222613 (0xFF6B4ED5)
YUV	102.0610, 54.6929, 4.3315
Hunter-Lab	36.5769, 37.4877, -78.8465

Details

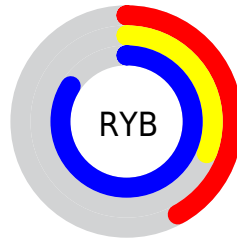
The Hex color **6B4ED5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B8D54E**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A681FF**, and **2B1E9D** is the 20% darker color. If you saturate the color by 10%, you get **5A39D5**, and if you desaturate by 10%, it is **7C63D5**.

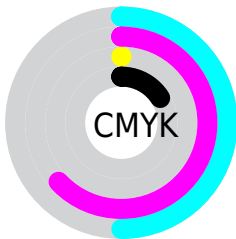
Distribution



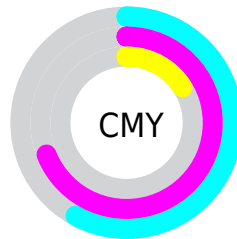
- Red (42%)
- Green (31%)
- Blue (84%)



- Red (42%)
- Yellow (31%)
- Blue (84%)



- Cyan (50%)
- Magenta (63%)
- Yellow (0%)
- Black (16%)



- Cyan (58%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B4ED5 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 6B4ED5 by changing the saturation by 10% instead.

6B4ED5

6B4ED5

FFFFFF

4D36B9

A681FF

2B1E9D

C39BFF

000682

E1B6FF

000068

FFD2FF

00004F

FFEFFF

000537

000221

000006

000000

6B4ED5

6B4ED5

5A39D5

7C63D5

4A23D5

8C79D5

390ED5

9D8ED5

2E00D5

AEA3D5

BFB9D5

CFCED5

E0E3D5

F1F8D5

FFFFD5

Harmonies

Analogous

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



006DED



6B4ED5



BA10A0

Triad

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



6B4ED5



A84C00



008170

Complementary

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



6B4ED5



B8D54E

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.



007E28



6B4ED5



746800

Square

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



6B4ED5



CB151E



277700



0081B1

Rectangle

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



6B4ED5



D00075



277700



008058

Sweetspot

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



6B4ED5



D9CFFF



4EBAD5



686280



000000



808080

Same Dimension

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



6B4ED5



673DFF



AD4ED5



63606B



2500AB



09002B

Inverse Universe

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



D54EB8



FF3DD5



77D54E



6B6069



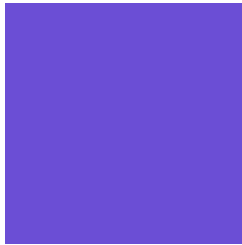
AB0086



2B0022

Previews

White Background



This preview shows how the Hex color 6B4ED5 looks on a white background.

Color Contrast Check

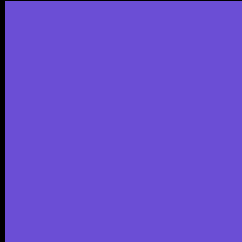
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6B4ED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

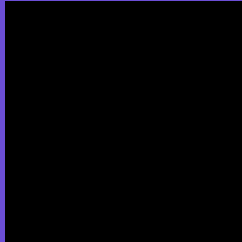
Any Text WCAG AA ✗ Fail

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 6B4ED5 Background



This preview shows how black text looks on a background with the Hex color 6B4ED5.

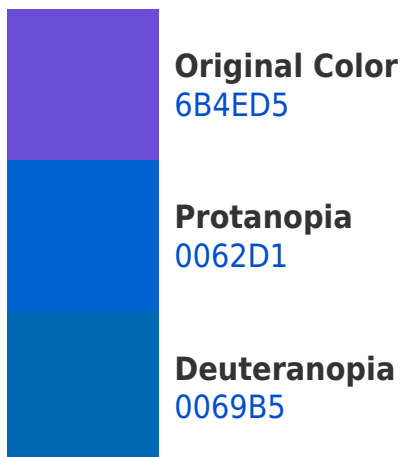



This preview shows how white text looks on a background with the Hex color 6B4ED5.

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
4E6B73

Trichromacy



Original Color
6B4ED5



Protanomaly
275BD2



Deuteranomaly
275FC1



Tritanomaly
596097

Monochromacy



Original Color
6B4ED5



Achromatopsia
666666



Achromatomaly
685D8E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6B4ED5 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 #6B4ED5 looks like.

```
.text, #text, p{  
    color:#6B4ED5  
}
```

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 #6B4ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B4ED5
}
```

Border

The CSS property to change the border of an element to Hex 6B4ED5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

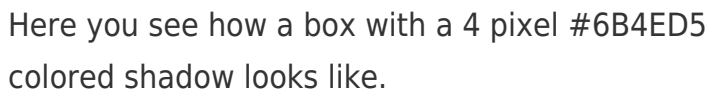
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B4ED5 }
```

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

```
.border{ border-color:#6B4ED5 }
```

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

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The text inside the box is black.

Here you see how a box with a 4 pixel #6B4ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B4ED5; -webkit-box-shadow:4px 4px  
4px 4px #6B4ED5; box-shadow:4px 4px 4px  
4px #6B4ED5 }
```

Background

The CSS property to change the background color of an element to Hex 6B4ED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B4ED5 }
```

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

```
.background{ background-color:#6B4ED5 }
```

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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