

Converting Colors

Hex(6A6ED5)

Have a look what the booklet for
Hex(6A6ED5) contains.

Hex(6A6ED5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6A6ED5)

Conversions

Conversions Part 1

Format	Color
Hex	6A6ED5
RGB	106, 110, 213
RGB Percent	42%, 43%, 84%
CMY	0.5843, 0.5686, 0.1647
CMYK	0.50, 0.48, 0.00, 0.16
HSL	238°, 56%, 63%
HSV	238°, 50%, 84%
XYZ	23.5300, 19.0201, 65.3819
YIQ	120.5460, -35.4470, 31.1850

Conversions

Conversions Part 2

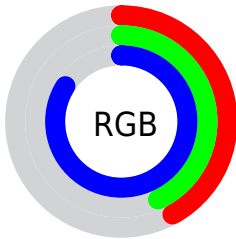
Format	Color
R _Y B	106, 110, 213
Decimal	6975189
CIE Lab	50.71, 26.41, -53.71
CIE LCh	51, 59.853, 296.180
Yxy	19.0201, 0.2180, 0.1762
Android (android.graphics.Color)	4285165269 (0xFF6A6ED5)
YUV	120.5460, 45.5798, -12.7568
Hunter-Lab	43.6121, 19.9850, -58.3573

Details

The Hex color **6A6ED5** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D5D16A**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A3A1FF**, and **2D3F9E** is the 20% darker color. If you saturate the color by 10%, you get **5559D5**, and if you desaturate by 10%, it is **7F83D5**.

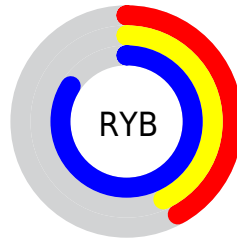
Distribution



Red (42%)

Green (43%)

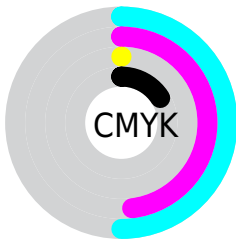
Blue (84%)



Red (42%)

Yellow (43%)

Blue (84%)

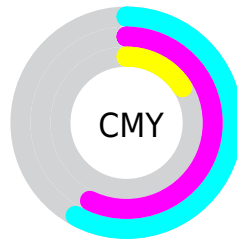


Cyan (50%)

Magenta (48%)

Yellow (0%)

Black (16%)



Cyan (58%)

Magenta (57%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6ED5 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 6A6ED5 by changing the saturation by 10% instead.

■ 6A6ED5

■ 6A6ED5

FFFFFF

■ 4D56B9

■ A3A1FF

■ 2D3F9E

■ C0BDFF

■ 002983

■ DED8FF

■ 001569

■ FBF5FF

■ 000050

■ 000538

■ 000222

■ 000008

■ 000000

■ 6A6ED5

■ 6A6ED5

■ 5559D5

■ 7F83D5

■ 3F45D5

■ 9597D5

■ 2A30D5

■ AAACD5

■ 151CD5

■ BFC0D5

■ 0008D5

■ D5D5D5

■ EAE9D5

■ FFFED5

■ FFFFD5

Harmonies

Analogous

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



0081DF



6A6ED5



B056B2

Triad

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



6A6ED5



BC5F21



009070

Complementary

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



6A6ED5



D5D16A

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.



078C3C



6A6ED5



967400

Square

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



6A6ED5



D14A4F



658306



0090A4

Rectangle

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



6A6ED5



C84893



658306



008F5F

Sweetspot

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



6A6ED5



D9DAFF



6AD5D0



696980



000000



808080

Same Dimension

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



6A6ED5



666CFF



9A6AD5



60616B



0006AB



00022B

Inverse Universe

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



D56A6E



FF666C



A5D56A



6B6061



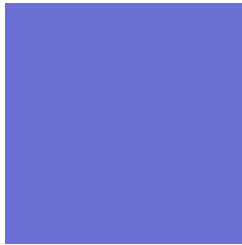
AB0006



2B0002

Previews

White Background



This preview shows how the Hex color 6A6ED5 looks on a white background.

Color Contrast Check

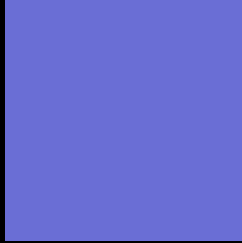
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 6A6ED5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

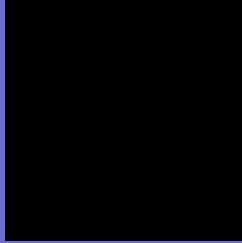
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6A6ED5 Background



This preview shows how black text looks on a background with the Hex color 6A6ED5.

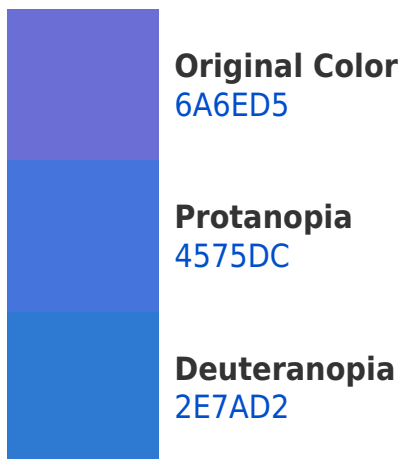


This preview shows how white text looks on a background with the Hex color 6A6ED5.

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](#).

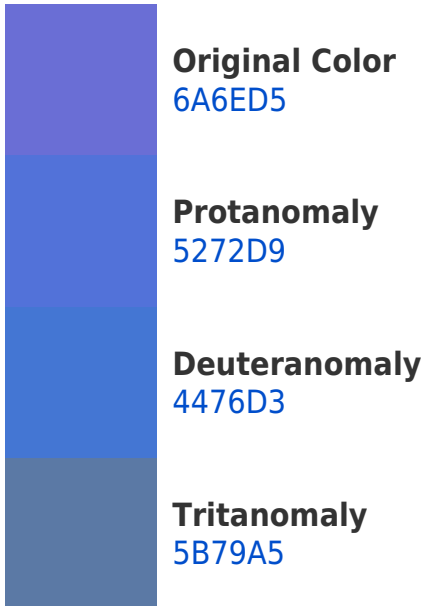
Dichromacy



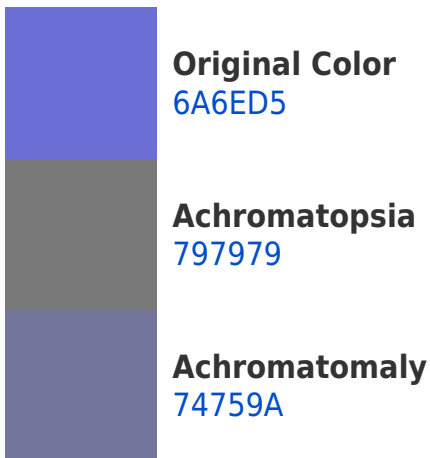


Tritanopia
53808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6ED5 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 #6A6ED5 looks like.

```
.text, #text, p{  
    color:#6A6ED5  
}
```

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 #6A6ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6ED5
}
```

Border

The CSS property to change the border of an element to Hex 6A6ED5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

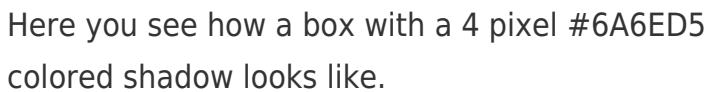
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A6ED5 }
```

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

```
.border{ border-color:#6A6ED5 }
```

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



Here you see how a box with a 4 pixel #6A6ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6ED5; -webkit-box-shadow:4px 4px  
4px 4px #6A6ED5; box-shadow:4px 4px 4px  
4px #6A6ED5 }
```

Background

The CSS property to change the background color of an element to Hex 6A6ED5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6ED5 }
```

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

```
.background{ background-color:#6A6ED5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor