

# Converting Colors

Hex(6A28ED)

Have a look what the booklet for  
Hex(6A28ED) contains.

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**Color**

**Hex(6A28ED)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A28ED
RGB	106, 40, 237
RGB Percent	42%, 16%, 93%
CMY	0.5843, 0.8431, 0.0706
CMYK	0.55, 0.83, 0.00, 0.07
HSL	260°, 85%, 54%
HSV	260°, 83%, 93%
XYZ	21.9887, 10.6962, 81.0264
YIQ	82.1920, -23.9010, 75.2590

# Conversions

## Conversions Part 2

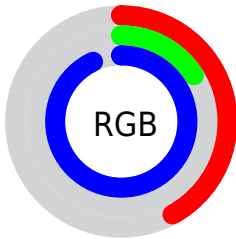
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	106, 40, 237
Decimal	6957293
CIE Lab	39.06, 69.60, -86.30
CIE LCh	39, 110.868, 308.885
Yxy	10.6962, 0.1934, 0.0941
Android (android.graphics.Color)	4285147373 (0xFF6A28ED)
YUV	82.1920, 76.3203, 20.8796
Hunter-Lab	32.7050, 62.7779, -123.9970

# Details

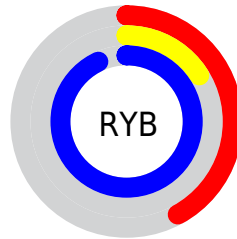
The Hex color **6A28ED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **ABED28**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **AA60FF**, and **1600B4** is the 20% darker color. If you saturate the color by 10%, you get **5A10ED**, and if you desaturate by 10%, it is **7A40ED**.

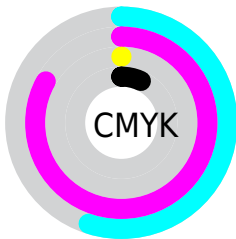
# Distribution



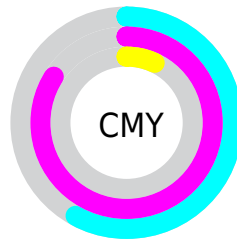
- Red (42%)
- Green (16%)
- Blue (93%)



- Red (42%)
- Yellow (16%)
- Blue (93%)



- Cyan (55%)
- Magenta (83%)
- Yellow (0%)
- Black (7%)



- Cyan (58%)
- Magenta (84%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A28ED 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 6A28ED by changing the saturation by 10% instead.



 6A28ED

 6A28ED

FFFFFF

 4700D0

 AA60FF

 1600B4

 C97BFF

 000098

 E897FF

 00007D

 FFB3FF

 000063

 FFD0FF

 00094A

 FFEDFF

 000432

 00021C

 000000

 6A28ED

 6A28ED

 5A10ED

 7A40ED

 4F00ED

 8A57ED

 996FED

 A987ED

 B99EED

 C9B6ED

 D8CEED

 E8E6ED

 F8FDED

# Harmonies

## Analogous

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



0064FF



6A28ED



D2009F

# Triad

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



6A28ED



A23B00



007A76

# Complementary

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



6A28ED



ABED28

# 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.



00770A



6A28ED



596200

# Square

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



6A28ED



D60000



007100



007CCE

# Rectangle

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



6A28ED



E90064



007100



007956



# Sweetspot

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



6A28ED



D5BFFF



28ABED



665980



000000



808080



# Same Dimension

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



6A28ED



5500FF



CC28ED



6D6A75



3D00B5



120036



# Inverse Universe

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



ED28AB



FF00AA



49ED28



756A71



B50078

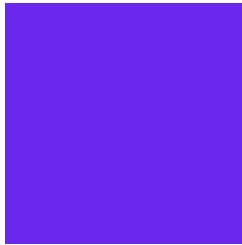


360024



# Previews

## White Background



This preview shows how the Hex color 6A28ED looks on a white background.

## Color Contrast Check

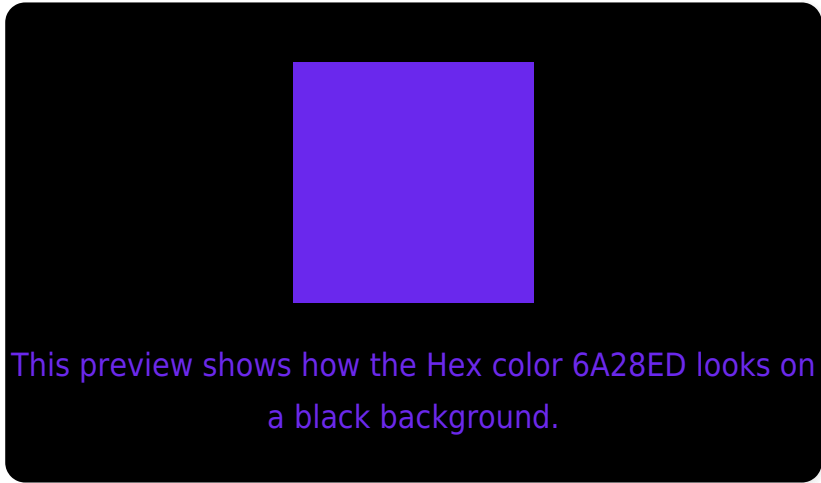
Large Text (above 18pt) WCAG AA ✓ Pass

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

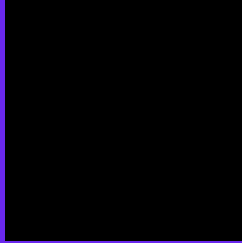
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A28ED Background



This preview shows how black text looks on a background with the Hex color 6A28ED.

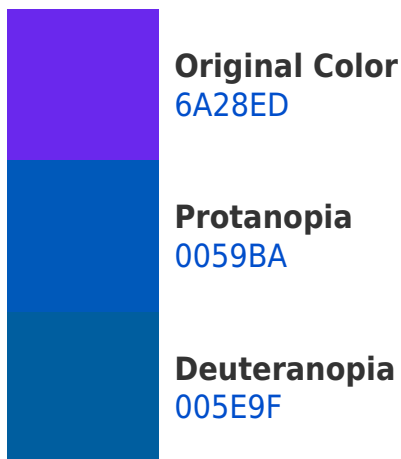


This preview shows how white text looks on a background with the Hex color 6A28ED.

# 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](#).

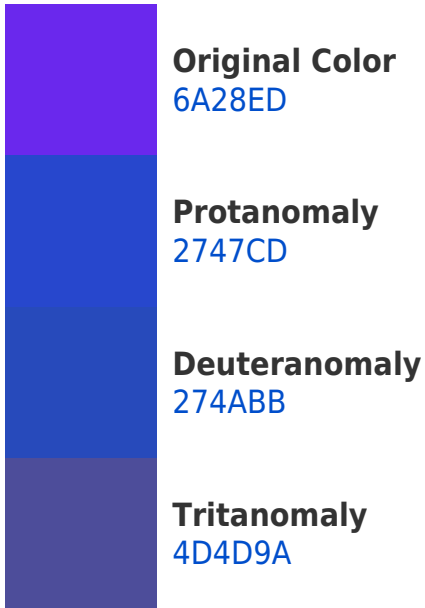
## Dichromacy



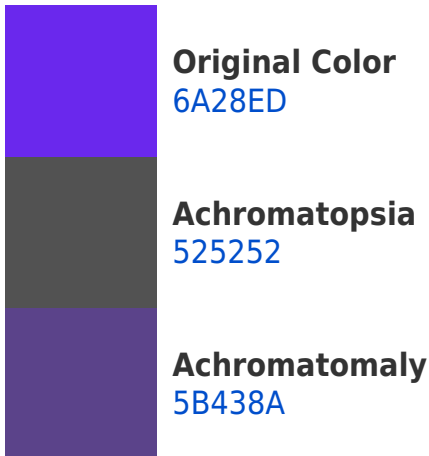


**Tritanopia**  
3C626A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A28ED 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 #6A28ED looks like.

```
.text, #text, p{  
    color:#6A28ED  
}
```

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 #6A28ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A28ED
}
```

## Border

The CSS property to change the border of an element to Hex 6A28ED is called "border". The border property can be set on classes, ids or directly on the HTML element.

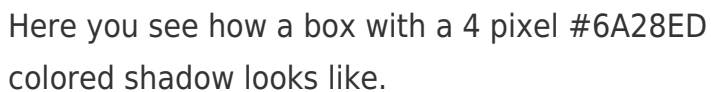
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A28ED }
```

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

```
.border{ border-color:#6A28ED }
```

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



Here you see how a box with a 4 pixel #6A28ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A28ED; -webkit-box-shadow:4px 4px  
4px 4px #6A28ED; box-shadow:4px 4px 4px  
4px #6A28ED }
```

# Background

The CSS property to change the background color of an element to Hex 6A28ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A28ED }
```

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

```
.background{ background-color:#6A28ED }
```

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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