

# Converting Colors

Hex(6A36CF)

Have a look what the booklet for  
Hex(6A36CF) contains.

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# Color

Hex(6A36CF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A36CF
RGB	106, 54, 207
RGB Percent	42%, 21%, 81%
CMY	0.5843, 0.7882, 0.1882
CMYK	0.49, 0.74, 0.00, 0.19
HSL	260°, 61%, 51%
HSV	260°, 74%, 81%
XYZ	18.5255, 10.2075, 60.0253
YIQ	86.9900, -18.1210, 58.6070

# Conversions

## Conversions Part 2

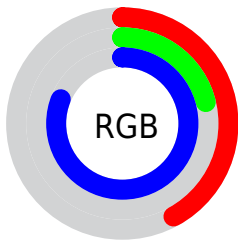
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 54, 207
Decimal	6960847
CIE <sub>Lab</sub>	38.21, 56.23, -70.52
CIE <sub>LCh</sub>	38, 90.193, 308.565
Yxy	10.2075, 0.2087, 0.1150
Android (android.graphics.Color)	4285150927 (0xFF6A36CF)
YUV	86.9900, 59.1649, 16.6718
Hunter-Lab	31.9492, 47.5909, -89.0282

# Details

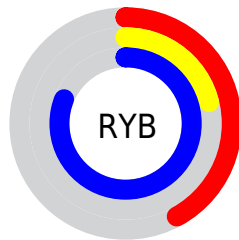
The Hex color **6A36CF** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **9BCF36**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **A56AFF**, and **280097** is the 20% darker color. If you saturate the color by 10%, you get **5C21CF**, and if you desaturate by 10%, it is **784BCF**.

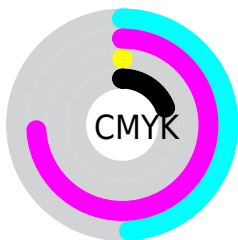
# Distribution



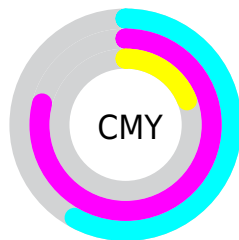
- Red (42%)
- Green (21%)
- Blue (81%)



- Red (42%)
- Yellow (21%)
- Blue (81%)



- Cyan (49%)
- Magenta (74%)
- Yellow (0%)
- Black (19%)



- Cyan (58%)
- Magenta (79%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A36CF 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 6A36CF by changing the saturation by 10% instead.



 6A36CF

 6A36CF

FFFFFF

 4B1BB3

 A56AFF

 280097

 C384FF

 00007D

 E19FFF

 000063

 FFBBFF

 00054A

 FFD7FF

 000432

 FFF4FF

 00021C

 000000

 6A36CF

 6A36CF

■ 5C21CF

■ 784BCF

■ 4F0DCF

■ 855FCF

■ 4600CF

■ 9374CF

■ A189CF

■ AE9ECF

■ BCB2CF

■ CAC7CF

■ D7DCCF

■ E5F0CF

# Harmonies

## Analogous

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



005FEF



6A36CF



BB0091

# Triad

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



6A36CF



974000



00746E

# Complementary

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



6A36CF



9BCF36

# 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.



00721D



6A36CF



5C5E00

# Square

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



6A36CF



C10000



006C00



0075B5

# Rectangle

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



6A36CF



CE0061



006C00



007454



# Sweetspot

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



6A36CF



DAC7FF



369CCF



6A5E80



000000



808080



# Same Dimension

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



6A36CF



691CFF



B636CF



625E69



3900A8



0E0029



# Inverse Universe

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



CF369B



FF1CB2



4FCF36



695E65



A8006F

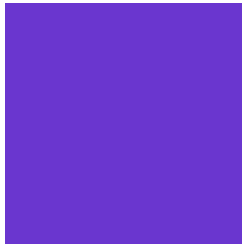


29001B



# Previews

## White Background



This preview shows how the Hex color 6A36CF looks on a white background.

## Color Contrast Check

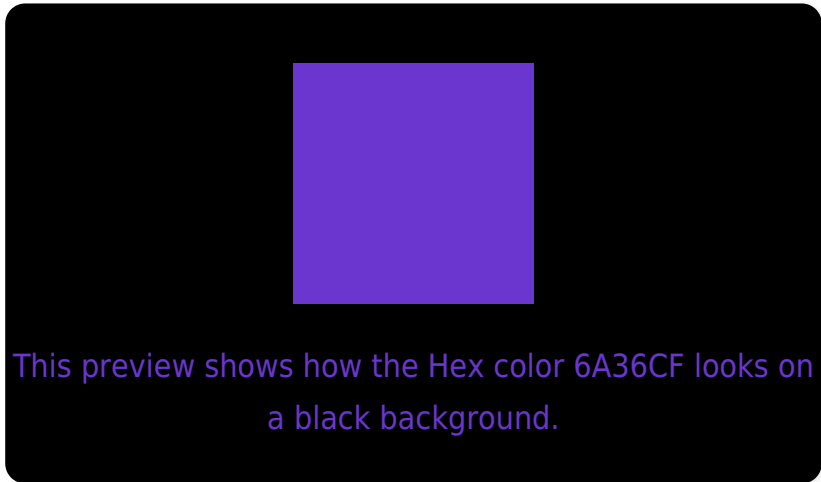
Large Text (above 18pt) WCAG AA ✓ Pass

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

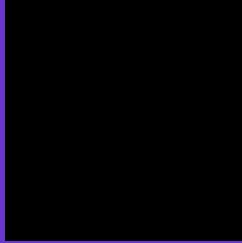
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A36CF Background



This preview shows how black text looks on a background with the Hex color 6A36CF.



This preview shows how white text looks on a background with the Hex color 6A36CF.

# 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**  
6A36CF



**Deuteranomaly**  
274EB0



**Tritanomaly**  
574E8B

# Monochromacy



**Original Color**  
6A36CF



**Achromatopsia**  
575757



**Achromatomaly**  
5E4B83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A36CF 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 #6A36CF looks like.

```
.text, #text, p{  
    color:#6A36CF  
}
```

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 #6A36CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A36CF
}
```

## Border

The CSS property to change the border of an element to Hex 6A36CF 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".

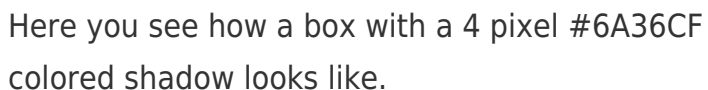
```
.border, #border, table{ border:4px solid
#6A36CF }
```

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

```
.border{ border-color:#6A36CF }
```

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

Here you see how a box with a 4 pixel #6A36CF colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A36CF; -webkit-box-shadow:4px 4px  
4px 4px #6A36CF; box-shadow:4px 4px 4px  
4px #6A36CF }
```

# Background

The CSS property to change the background color of an element to Hex 6A36CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A36CF }
```

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

```
.background{ background-color:#6A36CF }
```

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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