

# Converting Colors

Hex(723AFF)

Have a look what the booklet for  
Hex(723AFF) contains.

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**Color**

**Hex(723AFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	723AFF
RGB	114, 58, 255
RGB Percent	45%, 23%, 100%
CMY	0.5529, 0.7725, 0.0000
CMYK	0.55, 0.77, 0.00, 0.00
HSL	257°, 100%, 61%
HSV	257°, 77%, 100%
XYZ	26.5025, 13.8235, 95.8791
YIQ	97.2020, -29.8610, 73.1390

# Conversions

## Conversions Part 2

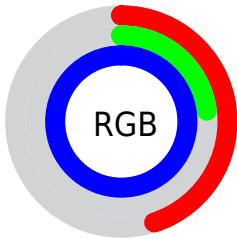
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 58, 255
Decimal	7486207
CIE <sub>Lab</sub>	43.98, 68.12, -88.29
CIE <sub>LCh</sub>	44, 111.514, 307.654
Yxy	13.8235, 0.1946, 0.1015
Android (android.graphics.Color)	4285676287 (0xFF723AFF)
YUV	97.2020, 77.7944, 14.7318
Hunter-Lab	37.1800, 62.1726, -126.8700

# Details

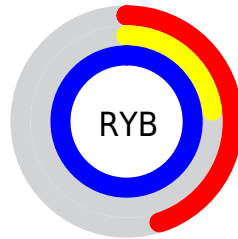
The Hex color **723AFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **C7FF3A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **B270FF**, and **2200C5** is the 20% darker color. If you saturate the color by 10%, you get **6020FF**, and if you desaturate by 10%, it is **8453FF**.

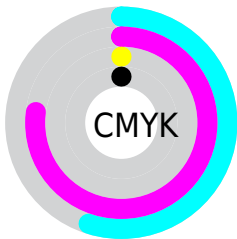
# Distribution



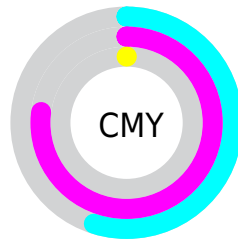
- Red (45%)
- Green (23%)
- Blue (100%)



- Red (45%)
- Yellow (23%)
- Blue (100%)



- Cyan (55%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (77%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 723AFF 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 723AFF by changing the saturation by 10% instead.



 723AFF

 723AFF

FFFFFF

 4F1DE2

 B270FF

 2200C5

 D18BFF

 0000A9

 F1A7FF

 00008D

 FFC3FF

 000072

 FFE0FF

 000D59

 FFFDFF

 000740

 000329

 000113

 723AFF

 723AFF

 6020FF

 8453FF

 4D07FF

 976DFF

 4800FF

 A986FF

 BBA0FF

 CDB9FF

 E0D3FF

 F2ECFF

FFFFFF

# Harmonies

## Analogous

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



0071FF



723AFF



E000B1

# Triad

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



723AFF



B44400



00887F

# Complementary

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



723AFF



C7FF3A

# 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.



008512



723AFF



6A6D00

# Square

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



723AFF



E90000



007E00



0089DA

# Rectangle

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



723AFF



F90074



007E00



00875E



# Sweetspot

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



723AFF



D5C4FF



3AC7FF



665C80



000000



808080



# Same Dimension

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



723AFF



5512FF



D43AFF



767380



3600BF



120040



# Inverse Universe

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



FF3AC7



FF12BC



65FF3A



80737C



BF0089

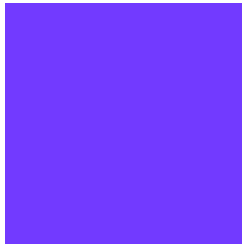


40002E



# Previews

## White Background



This preview shows how the Hex color 723AFF looks on a white background.

## Color Contrast Check

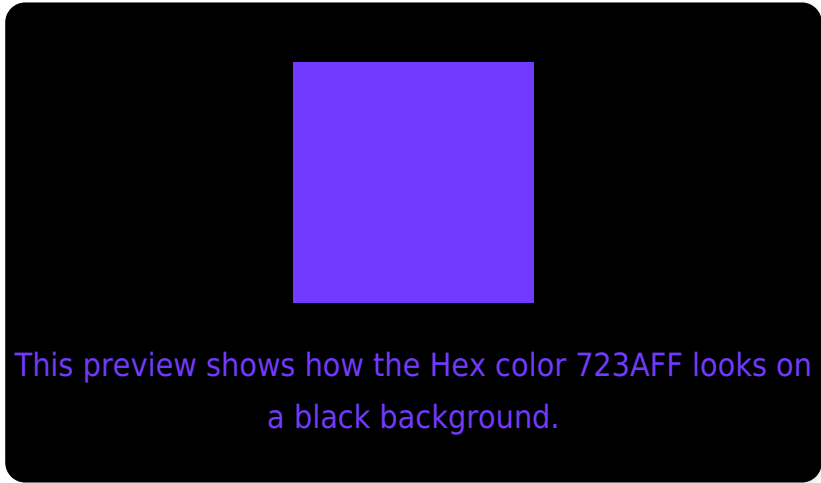
Large Text (above 18pt) WCAG AA ✓ Pass

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

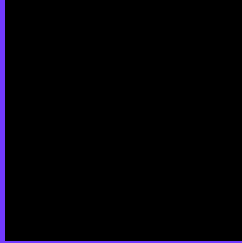
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 723AFF Background



This preview shows how black text looks on a background with the Hex color 723AFF.

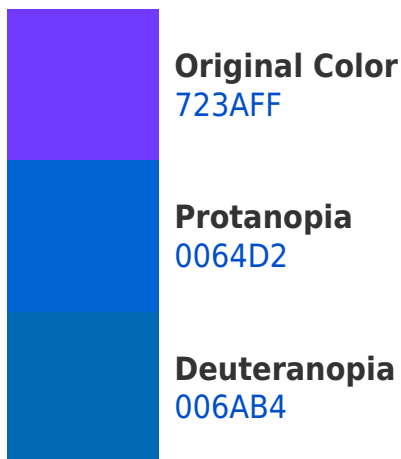


This preview shows how white text looks on a background with the Hex color 723AFF.

# 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](#).

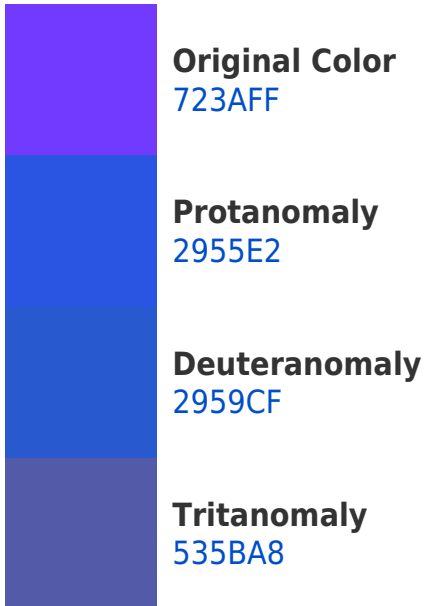
## Dichromacy



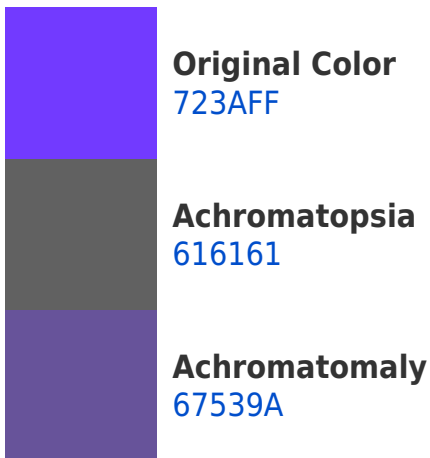


**Tritanopia**  
426E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 723AFF 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 #723AFF looks like.

```
.text, #text, p{  
    color:#723AFF  
}
```

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 #723AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #723AFF
}
```

## Border

The CSS property to change the border of an element to Hex 723AFF 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
#723AFF }
```

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

```
.border{ border-color:#723AFF }
```

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

Here you see how a box with a 4 pixel #723AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #723AFF; -webkit-box-shadow:4px 4px  
4px 4px #723AFF; box-shadow:4px 4px 4px  
4px #723AFF }
```

# Background

The CSS property to change the background color of an element to Hex 723AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#723AFF }
```

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

```
.background{ background-color:#723AFF }
```

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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