

# Converting Colors

Hex(7433C6)

Have a look what the booklet for  
Hex(7433C6) contains.

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# Color

Hex(7433C6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7433C6
RGB	116, 51, 198
RGB Percent	45%, 20%, 78%
CMY	0.5451, 0.8000, 0.2235
CMYK	0.41, 0.74, 0.00, 0.22
HSL	267°, 59%, 49%
HSV	267°, 74%, 78%
XYZ	18.5793, 10.1579, 54.4075
YIQ	87.1930, -8.4470, 59.4970

# Conversions

## Conversions Part 2

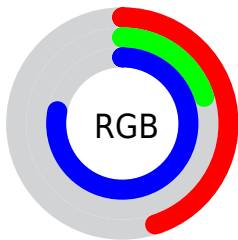
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	116, 51, 198
Decimal	7615430
CIE <sub>Lab</sub>	38.12, 56.89, -65.39
CIE <sub>LCh</sub>	38, 86.670, 311.022
Yxy	10.1579, 0.2235, 0.1222
Android (android.graphics.Color)	4285805510 (0xFF7433C6)
YUV	87.1930, 54.6279, 25.2637
Hunter-Lab	31.8714, 48.2809, -78.9036

# Details

The Hex color **7433C6** 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 **85C633**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AE68FF**, and **38008F** is the 20% darker color. If you saturate the color by 10%, you get **691FC6**, and if you desaturate by 10%, it is **7F47C6**.

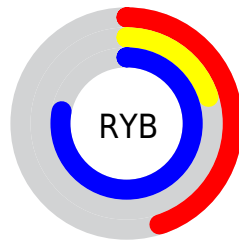
# Distribution



Red (45%)

Green (20%)

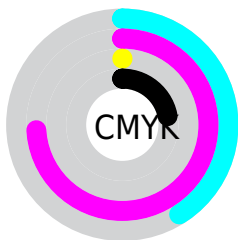
Blue (78%)



Red (45%)

Yellow (20%)

Blue (78%)

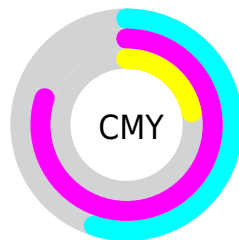


Cyan (41%)

Magenta (74%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (80%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7433C6 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 7433C6 by changing the saturation by 10% instead.



 7433C6

 7433C6

FFFFFF

 5716AA

 AE68FF

 38008F

 CB82FF

 110074

 E99DFF

 00005B

 FFB9FF


 000342

 FFD6FF

 00032B

 FFF3FF

 000115

 000000

 7433C6

 7433C6

691FC6

7F47C6

5E0BC6

8A5BC6

5800C6

956EC6

A082C6

AB96C6

B6AAC6

C1BEC6

CCD1C6

D7E5C6

# Harmonies

## Analogous

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



005CE7



7433C6



BB0089

# Triad

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



7433C6



914500



007473

# Complementary

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



7433C6



85C633

# 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.



007127



7433C6



575F00

# Square

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



7433C6



BB0000



006C00



0074B6

# Rectangle

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



7433C6



CB005B



006C00



00735A



# Sweetspot

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



7433C6



E0C7FF



3386C6



6D5E80



000000



808080



# Same Dimension

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



7433C6



801CFF



BC33C6



5E5A63



4800A3



100024



# Inverse Universe

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



C63385



FF1C9B



3DC633



635A5F



A3005B

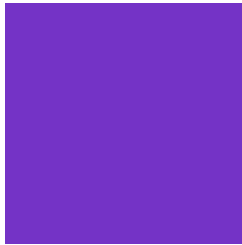


240014



# Previews

## White Background



This preview shows how the Hex color 7433C6 looks on a white background.

## Color Contrast Check

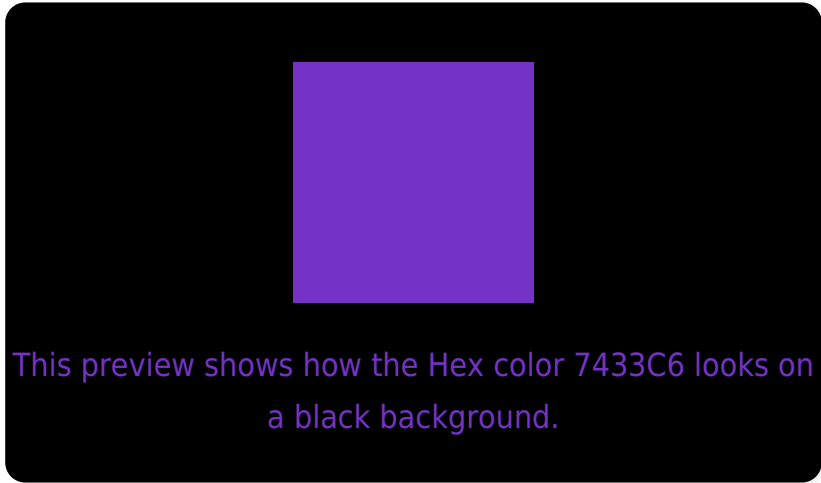
Large Text (above 18pt) WCAG AA ✓ Pass

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

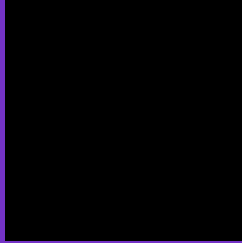
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7433C6 Background



This preview shows how black text looks on a background with the Hex color 7433C6.



This preview shows how white text looks on a background with the Hex color 7433C6.

# 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**  
7433C6



**Deuteranomaly**  
2A4DAD

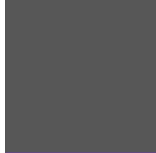


**Tritanomaly**  
654B84

# Monochromacy



**Original Color**  
7433C6



**Achromatopsia**  
575757



**Achromatomaly**  
624A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7433C6 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 #7433C6 looks like.

```
.text, #text, p{  
    color:#7433C6  
}
```

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 #7433C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7433C6
}
```

## Border

The CSS property to change the border of an element to Hex 7433C6 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
#7433C6 }
```

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

```
.border{ border-color:#7433C6 }
```

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

Here you see how a box with a 4 pixel #7433C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7433C6; -webkit-box-shadow:4px 4px  
4px 4px #7433C6; box-shadow:4px 4px 4px  
4px #7433C6 }
```

# Background

The CSS property to change the background color of an element to Hex 7433C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7433C6 }
```

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

```
.background{ background-color:#7433C6 }
```

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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