

# Converting Colors

Hex(7536C5)

Have a look what the booklet for  
Hex(7536C5) contains.

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# Color

Hex(7536C5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7536C5
RGB	117, 54, 197
RGB Percent	46%, 21%, 77%
CMY	0.5412, 0.7882, 0.2275
CMYK	0.41, 0.73, 0.00, 0.23
HSL	266°, 57%, 49%
HSV	266°, 73%, 77%
XYZ	18.7333, 10.4515, 53.8533
YIQ	89.1390, -8.3550, 57.8290

# Conversions

## Conversions Part 2

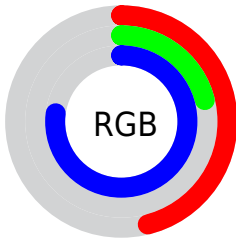
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 54, 197
Decimal	7681733
CIE <sub>Lab</sub>	38.64, 55.46, -63.96
CIE <sub>LCh</sub>	39, 84.654, 310.929
Yxy	10.4515, 0.2256, 0.1259
Android (android.graphics.Color)	4285871813 (0xFF7536C5)
YUV	89.1390, 53.1755, 24.4341
Hunter-Lab	32.3287, 46.8591, -76.1354

# Details

The Hex color **7536C5** 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 **86C536**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **AF6AFF**, and **3A008E** is the 20% darker color. If you saturate the color by 10%, you get **6A22C5**, and if you desaturate by 10%, it is **804AC5**.

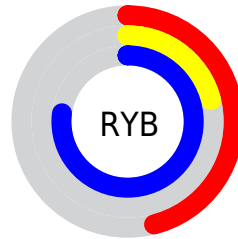
# Distribution



Red (46%)

Green (21%)

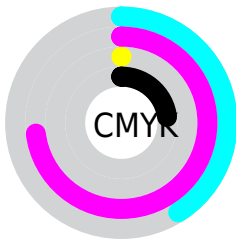
Blue (77%)



Red (46%)

Yellow (21%)

Blue (77%)

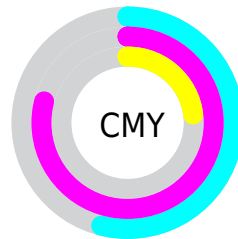


Cyan (41%)

Magenta (73%)

Yellow (0%)

Black (23%)



Cyan (54%)

Magenta (79%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7536C5 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 7536C5 by changing the saturation by 10% instead.



 7536C5

 7536C5

FFFFFF

 581AA9

 AF6AFF

 3A008E

 CC85FF

 150074

 EAA0FF

 00005A

 FFBCFF

 000242

 FFD8FF

 00032A

 FFF5FF

 000115

 000000

 7536C5

 7536C5

 6A22C5

 804AC5

 5F0FC5

 8B5DC5

 5700C5

 9671C5

 A185C5

 AC99C5

 B7ACC5

 C2C0C5

 CDD4C5

 D8E7C5

# Harmonies

## Analogous

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



005DE6



7536C5



BA008A

# Triad

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



7536C5



924600



007573

# Complementary

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



7536C5



86C536

# 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.



00732A



7536C5



596000

# Square

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



7536C5



BB0000



006D00



0075B5

# Rectangle

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



7536C5



CA005C



006D00



00745B



# Sweetspot

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



7536C5



E0C7FF



3687C5



6D5E80



000000



808080



# Same Dimension

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



7536C5



8321FF



BB36C5



5E5A63



4800A3



100024



# Inverse Universe

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



C53686



FF219D



40C536



635A5F



A3005B

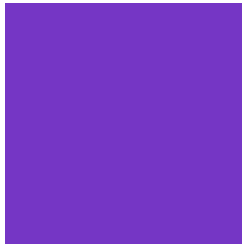


240014



# Previews

## White Background



This preview shows how the Hex color 7536C5 looks on a white background.

## Color Contrast Check

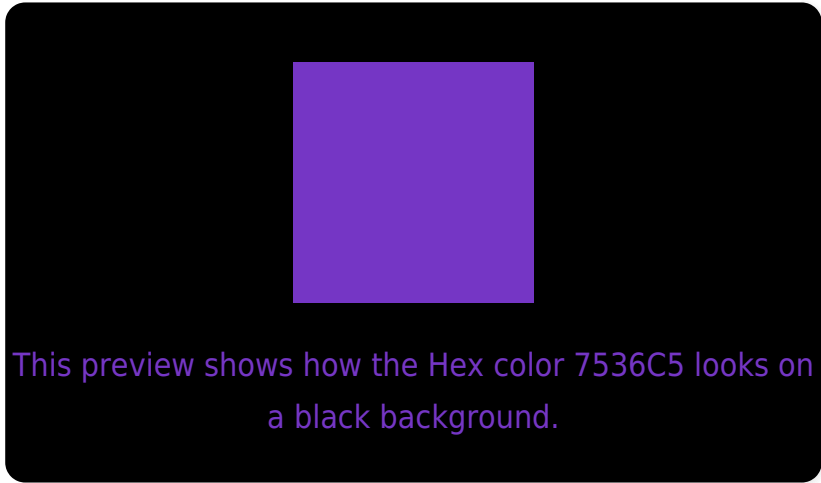
Large Text (above 18pt) WCAG AA ✓ Pass

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

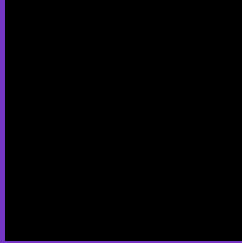
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7536C5 Background



This preview shows how black text looks on a background with the Hex color 7536C5.

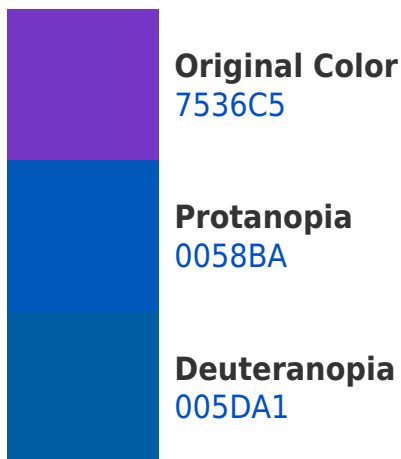


This preview shows how white text looks on a background with the Hex color 7536C5.

# 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**  
5F5960

# Trichromacy



**Original Color**  
7536C5



**Protanomaly**  
2B4CBE



**Deuteranomaly**  
2B4FAE



**Tritanomaly**  
674C85

# Monochromacy



**Original Color**  
7536C5



**Achromatopsia**  
595959



**Achromatomaly**  
634C80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7536C5 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 #7536C5 looks like.

```
.text, #text, p{  
    color:#7536C5  
}
```

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 #7536C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7536C5
}
```

## Border

The CSS property to change the border of an element to Hex 7536C5 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
#7536C5 }
```

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

```
.border{ border-color:#7536C5 }
```

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

Here you see how a box with a 4 pixel #7536C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7536C5; -webkit-box-shadow:4px 4px  
4px 4px #7536C5; box-shadow:4px 4px 4px  
4px #7536C5 }
```

# Background

The CSS property to change the background color of an element to Hex 7536C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7536C5 }
```

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

```
.background{ background-color:#7536C5 }
```

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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