

Converting Colors

Hex(773EB5)

Have a look what the booklet for
Hex(773EB5) contains.

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Color

Hex(773EB5)

Conversions

Conversions Part 1

Format	Color
Hex	773EB5
RGB	119, 62, 181
RGB Percent	47%, 24%, 71%
CMY	0.5333, 0.7569, 0.2902
CMYK	0.34, 0.66, 0.00, 0.29
HSL	269°, 49%, 48%
HSV	269°, 66%, 71%
XYZ	17.6709, 10.7034, 44.8507
YIQ	92.6090, -4.2270, 49.0930

Conversions

Conversions Part 2

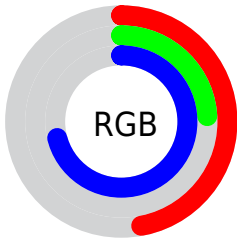
Format	Color
R_{YB}	119, 62, 181
Decimal	7814837
CIE _{Lab}	39.08, 47.97, -53.85
CIE _{LCh}	39, 72.120, 311.696
Yxy	10.7034, 0.2413, 0.1462
Android (android.graphics.Color)	4286004917 (0xFF773EB5)
YUV	92.6090, 43.5768, 23.1449
Hunter-Lab	32.7160, 39.1599, -58.3799

Details

The Hex color **773EB5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7CB53E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AF71EE**, and **40077F** is the 20% darker color. If you saturate the color by 10%, you get **6E2CB5**, and if you desaturate by 10%, it is **8050B5**.

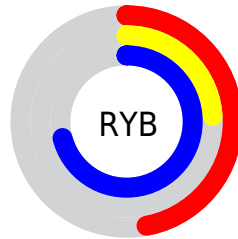
Distribution



Red (47%)

Green (24%)

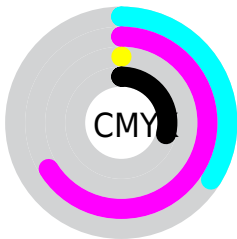
Blue (71%)



Red (47%)

Yellow (24%)

Blue (71%)

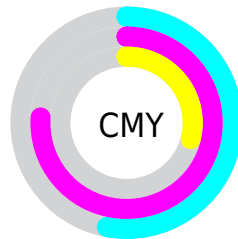


Cyan (34%)

Magenta (66%)

Yellow (0%)

Black (29%)



Cyan (53%)

Magenta (76%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 773EB5 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 773EB5 by changing the saturation by 10% instead.

■ 773EB5

■ 773EB5

FFFFFF

■ 5B259A

■ AF71EE

■ 40077F

■ CC8BFF

■ 220065

■ E9A7FF

■ 03004D

■ FFC2FF

■ 000435

■ FFDFFF

■ 00021F

■ FFFCFF

■ 000001

■ 000000

■ 773EB5

■ 773EB5

6E2CB5

8050B5

641AB5

8A62B5

5B08B5

9374B5

5700B5

9D86B5

A699B5

B0ABB5

B9BDB5

C2CFB5

CCE1B5

Harmonies

Analogous

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



005DD1



773EB5



AF0082

Triad

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



773EB5



8E4B00



007472

Complementary

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



773EB5



7CB53E

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.



007234



773EB5



5C6100

Square

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



773EB5



B1260C



006C00



0073AA

Rectangle

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



773EB5



BD005B



006C00



00735E

Sweetspot

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



773EB5



D2BCEB



3E7DB5



675975



F5F5F5



757575

Same Dimension

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



773EB5



8A31EB



B13EB5



555059



490099



0C001A

Inverse Universe

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



B53E7C



EB3192



42B53E



595055



990050



1A000D

Previews

White Background



This preview shows how the Hex color 773EB5 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

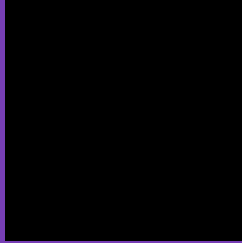
Any Text WCAG AA × Fail

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 773EB5 Background



This preview shows how black text looks on a background with the Hex color 773EB5.

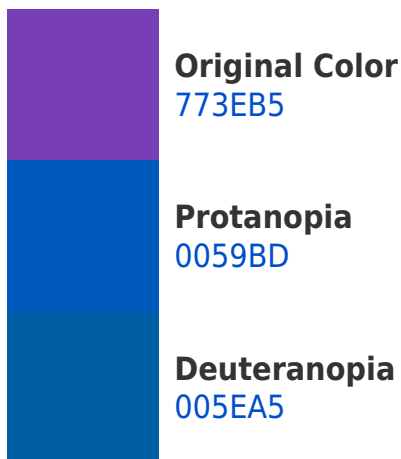



This preview shows how white text looks on a background with the Hex color 773EB5.

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
66585F

Trichromacy



Original Color
773EB5



Protanomaly
2B4FBA



Deuteranomaly
2B52AB



Tritanomaly
6C4F7E

Monochromacy



Original Color
773EB5



Achromatopsia
5D5D5D



Achromatomaly
66527D

CSS Examples

Text

The CSS property to change the color of the text to Hex 773EB5 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 #773EB5 looks like.

```
.text, #text, p{  
    color:#773EB5  
}
```

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 #773EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #773EB5
}
```

Border

The CSS property to change the border of an element to Hex 773EB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

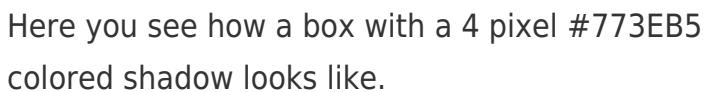
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#773EB5 }
```

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

```
.border{ border-color:#773EB5 }
```

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



Here you see how a box with a 4 pixel #773EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #773EB5; -webkit-box-shadow:4px 4px  
4px 4px #773EB5; box-shadow:4px 4px 4px  
4px #773EB5 }
```

Background

The CSS property to change the background color of an element to Hex 773EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#773EB5 }
```

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

```
.background{ background-color:#773EB5 }
```

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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