

Converting Colors

Hex(763BE3)

Have a look what the booklet for
Hex(763BE3) contains.

Hex(763BE3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(763BE3)

Conversions

Conversions Part 1

Format	Color
Hex	763BE3
RGB	118, 59, 227
RGB Percent	46%, 23%, 89%
CMY	0.5373, 0.7686, 0.1098
CMYK	0.48, 0.74, 0.00, 0.11
HSL	261°, 75%, 56%
HSV	261°, 74%, 89%
XYZ	22.9003, 12.5255, 73.8837
YIQ	95.7930, -18.7640, 64.7560

Conversions

Conversions Part 2

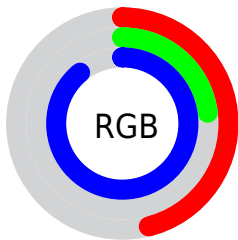
Format	Color
R _Y B	118, 59, 227
Decimal	7748579
CIE Lab	42.04, 60.96, -75.68
CIE LCh	42, 97.177, 308.850
Yxy	12.5255, 0.2095, 0.1146
Android (android.graphics.Color)	4285938659 (0xFF763BE3)
YUV	95.7930, 64.6851, 19.4755
Hunter-Lab	35.3914, 53.5648, -99.0008

Details

The Hex color **763BE3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **A8E33B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **B270FF**, and **3400AA** is the 20% darker color. If you saturate the color by 10%, you get **6724E3**, and if you desaturate by 10%, it is **8552E3**.

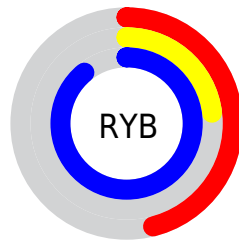
Distribution



Red (46%)

Green (23%)

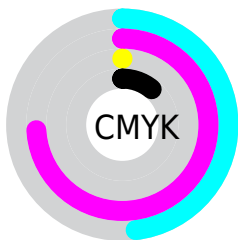
Blue (89%)



Red (46%)

Yellow (23%)

Blue (89%)

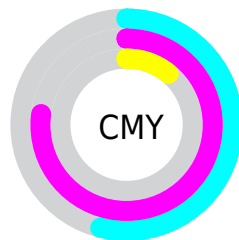


Cyan (48%)

Magenta (74%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (77%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 763BE3 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 763BE3 by changing the saturation by 10% instead.

 763BE3

 763BE3


FFFFFF

 571FC6

 B270FF

 3400AA

 D18BFF

 00008F

 EFA6FF

 000074

 FFC2FF

 00005B

 FFDFFF

 000742

 FFFCFF

 00032B

 000115

 000000

■ 763BE3

■ 763BE3

■ 6724E3

■ 8552E3

■ 590EE3

■ 9368E3

■ 5000E3

■ A27FE3

■ B196E3

■ C0ADE3

■ CEC3E3

■ DDDAE3

■ ECF1E3

■ FBFFE3

Harmonies

Analogous

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



0069FF



763BE3



CE009F

Triad

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



763BE3



A64800



00807A

Complementary

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



763BE3



A8E33B

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.



007D22



763BE3



646800

Square

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



763BE3



D40000



007700



0081C8

Rectangle

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



763BE3



E3006A



007700



007F5E

Sweetspot

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



763BE3



DBC7FF



3BA8E3



6A5E80



000000



808080

Same Dimension

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



763BE3



6C1CFF



CA3BE3



6B6773



3F00B3



120033

Inverse Universe

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



E33BA8



FF1CAF



54E33B



73676F



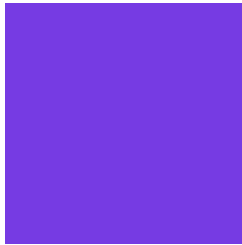
B30074



330021

Previews

White Background



This preview shows how the Hex color 763BE3 looks on a white background.

Color Contrast Check

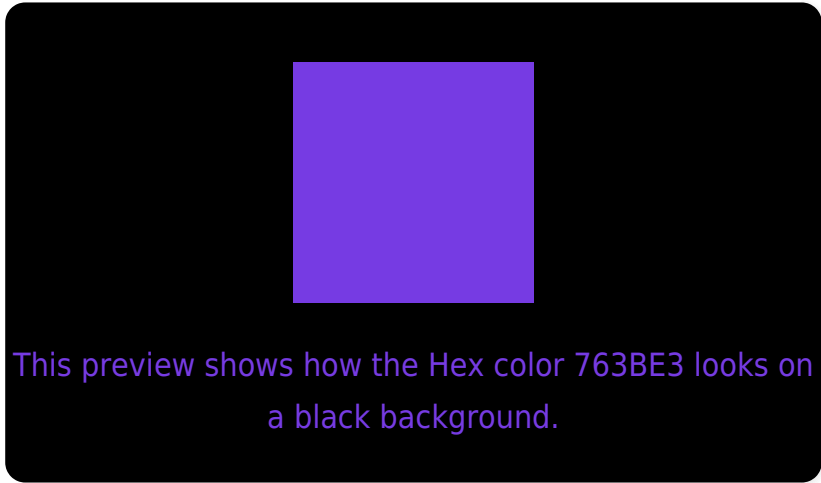
Large Text (above 18pt) WCAG AA ✓ Pass

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

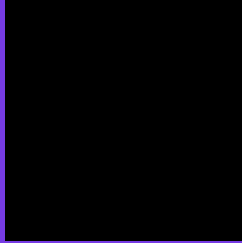
Any Text WCAG AA × Fail

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 763BE3 Background



This preview shows how black text looks on a background with the Hex color 763BE3.

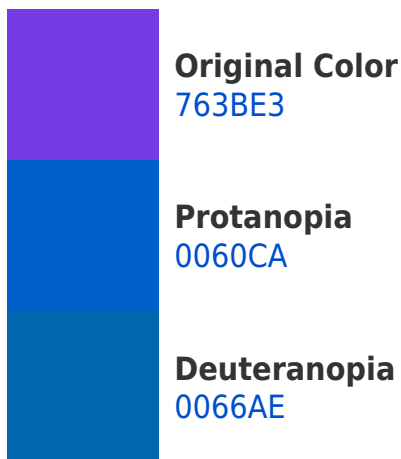


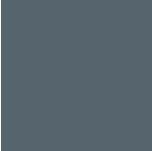
This preview shows how white text looks on a background with the Hex color 763BE3.

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](#).

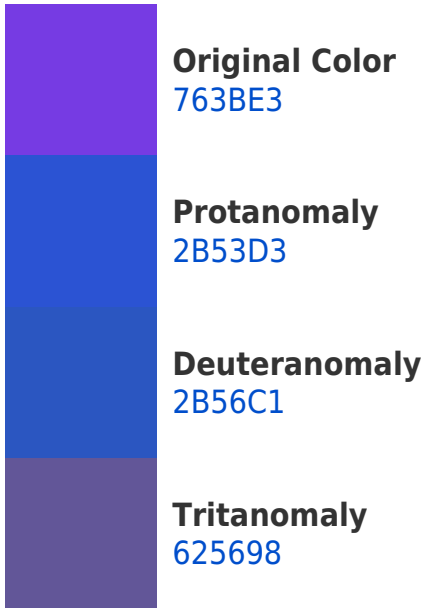
Dichromacy



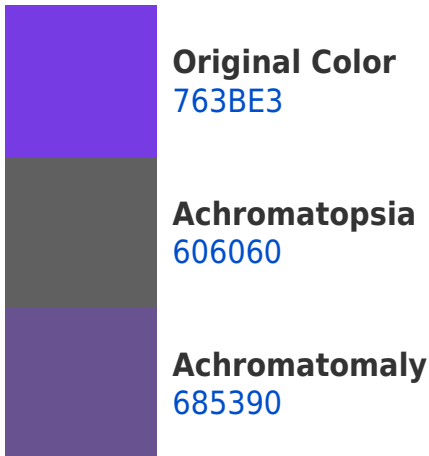


Tritanopia
56656D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 763BE3 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 #763BE3 looks like.

```
.text, #text, p{  
    color:#763BE3  
}
```

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 #763BE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763BE3  
}
```

Border

The CSS property to change the border of an element to Hex 763BE3 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  
#763BE3 }
```

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

```
.border{ border-color:#763BE3 }
```

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

Here you see how a box with a 4 pixel #763BE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763BE3; -webkit-box-shadow:4px 4px  
4px 4px #763BE3; box-shadow:4px 4px 4px  
4px #763BE3 }
```

Background

The CSS property to change the background color of an element to Hex 763BE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763BE3 }
```

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

```
.background{ background-color:#763BE3 }
```

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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