

Converting Colors

Hex(763FB5)

Have a look what the booklet for
Hex(763FB5) contains.

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Color

Hex(763FB5)

Conversions

Conversions Part 1

Format	Color
Hex	763FB5
RGB	118, 63, 181
RGB Percent	46%, 25%, 71%
CMY	0.5373, 0.7529, 0.2902
CMYK	0.35, 0.65, 0.00, 0.29
HSL	268°, 48%, 48%
HSV	268°, 65%, 71%
XYZ	17.5892, 10.7428, 44.8626
YIQ	92.8970, -5.0980, 48.3580

Conversions

Conversions Part 2

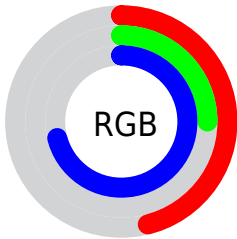
Format	Color
R _Y B	118, 63, 181
Decimal	7749557
CIE Lab	39.14, 47.24, -53.75
CIE LCh	39, 71.559, 311.314
Yxy	10.7428, 0.2403, 0.1468
Android (android.graphics.Color)	4285939637 (0xFF763FB5)
YUV	92.8970, 43.4348, 22.0153
Hunter-Lab	32.7762, 38.4331, -58.2103

Details

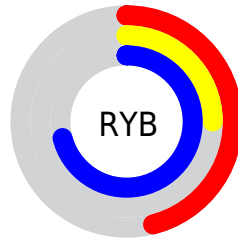
The Hex color **763FB5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **7EB53F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **AE72EE**, and **3F097F** is the 20% darker color. If you saturate the color by 10%, you get **6C2DB5**, and if you desaturate by 10%, it is **8051B5**.

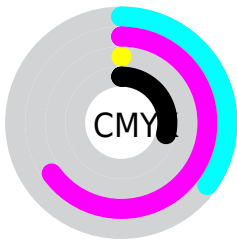
Distribution



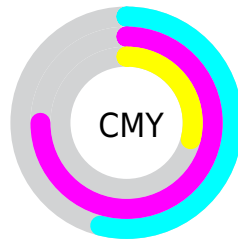
- Red (46%)
- Green (25%)
- Blue (71%)



- Red (46%)
- Yellow (25%)
- Blue (71%)



- Cyan (35%)
- Magenta (65%)
- Yellow (0%)
- Black (29%)



- Cyan (54%)
- Magenta (75%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 763FB5 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 763FB5 by changing the saturation by 10% instead.

 763FB5

 763FB5

FFFFFF

 5A269A

 AE72EE

 3F097F

 CB8CFF

 210065


 E8A7FF

 02004D

 FFC3FF

 000435

 FFE0FF

 00021F

 FFFDFF

 000001

 000000

 763FB5

 763FB5

6C2DB5

8051B5

631BB5

8963B5

5909B5

9375B5

5400B5

9D87B5

A69AB5

B0ACB5

BABEB5

C3D0B5

CDE2B5

Harmonies

Analogous

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



005DD0



763FB5



AE0383

Triad

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



763FB5



8E4B00



007472

Complementary

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



763FB5



7EB53F

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



763FB5



5D6100

Square

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



763FB5



B1260E



016C00



0073A9

Rectangle

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



763FB5



BD005C



016C00



00735D

Sweetspot

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



763FB5



D2BCEB



3F80B5



665975



F5F5F5



757575

Same Dimension

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



763FB5



8934EB



AF3FB5



545059



470099



0C001A

Inverse Universe

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



B53F7E



EB3495



45B53F



595055



990052



1A000E

Previews

White Background



This preview shows how the Hex color 763FB5 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

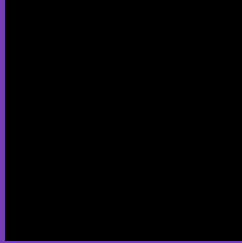
Any Text WCAG AA × Fail

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 763FB5 Background



This preview shows how black text looks on a background with the Hex color 763FB5.

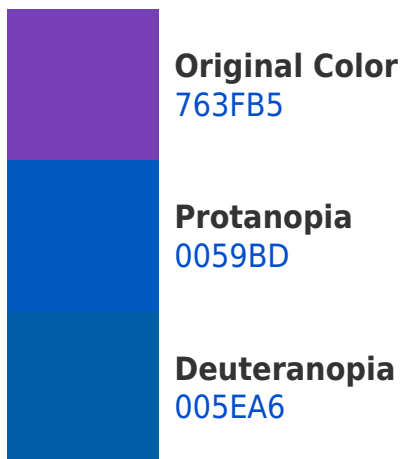


This preview shows how white text looks on a background with the Hex color 763FB5.

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](#).

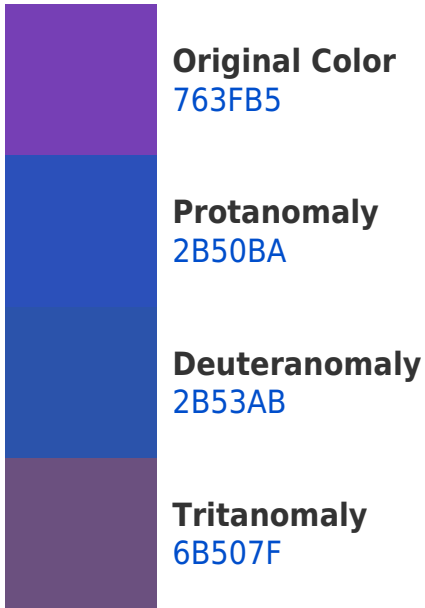
Dichromacy



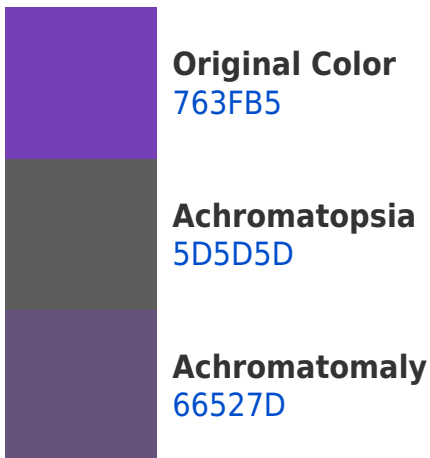


Tritanopia
655960

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 763FB5 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 #763FB5 looks like.

```
.text, #text, p{  
    color:#763FB5  
}
```

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 #763FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #763FB5
}
```

Border

The CSS property to change the border of an element to Hex 763FB5 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
#763FB5 }
```

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

```
.border{ border-color:#763FB5 }
```

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

Here you see how a box with a 4 pixel #763FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #763FB5; -webkit-box-shadow:4px 4px  
4px 4px #763FB5; box-shadow:4px 4px 4px  
4px #763FB5 }
```

Background

The CSS property to change the background color of an element to Hex 763FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#763FB5 }
```

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

```
.background{ background-color:#763FB5 }
```

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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