

Converting Colors

Hex(703FF9)

Have a look what the booklet for
Hex(703FF9) contains.

Hex(703FF9)	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(703FF9)

Conversions

Conversions Part 1

Format	Color
Hex	703FF9
RGB	112, 63, 249
RGB Percent	44%, 25%, 98%
CMY	0.5608, 0.7529, 0.0235
CMYK	0.55, 0.75, 0.00, 0.02
HSL	256°, 94%, 61%
HSV	256°, 75%, 98%
XYZ	25.5585, 13.8393, 90.9467
YIQ	98.8550, -30.5020, 68.2340

Conversions

Conversions Part 2

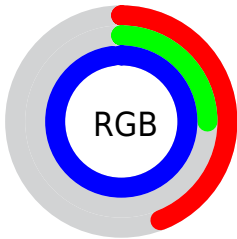
Format	Color
R _Y B	112, 63, 249
Decimal	7356409
CIE Lab	44.00, 64.10, -84.90
CIE LCh	44, 106.382, 307.052
Yxy	13.8393, 0.1961, 0.1062
Android (android.graphics.Color)	4285546489 (0xFF703FF9)
YUV	98.8550, 74.0215, 11.5282
Hunter-Lab	37.2012, 57.5333, -118.9068

Details

The Hex color **703FF9** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **C8F93F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AF74FF**, and **2200BF** is the 20% darker color. If you saturate the color by 10%, you get **5E26F9**, and if you desaturate by 10%, it is **8258F9**.

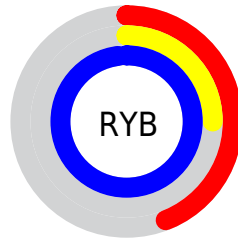
Distribution



Red (44%)

Green (25%)

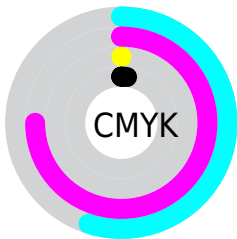
Blue (98%)



Red (44%)

Yellow (25%)

Blue (98%)

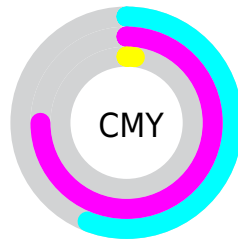


Cyan (55%)

Magenta (75%)

Yellow (0%)

Black (2%)



Cyan (56%)

Magenta (75%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 703FF9 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 703FF9 by changing the saturation by 10% instead.

 703FF9

 703FF9

FFFFFF

 4E24DC

 AF74FF

 2200BF

 CE8FFF

 0000A3

 EDAAFF

 000088

 FFC6FF

 00006D

 FFE3FF

 000B54

 00063C

 000225

 00010D

 703FF9

 703FF9

 5E26F9

 8258F9

 4B0DF9

 9571F9

 4200F9

 A78AF9

 B9A3F9

 CCBCF9

 DED4F9

 F0EDF9

 FFFFF9

Harmonies

Analogous

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



0070FF



703FF9



DA00AF

Triad

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



703FF9



B34600



00877C

Complementary

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



703FF9



C8F93F

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.



008416



703FF9



6D6C00

Square

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



703FF9



E50000



007D00



0088D3

Rectangle

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



703FF9



F30075



007D00



00865D

Sweetspot

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



703FF9



D6C7FF



3FCBF9



675E80



000000



808080

Same Dimension

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



703FF9



5619FF



CB3FF9



74707D



3200BD



10003D

Inverse Universe

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



F93FC8



FF19C3



6EF93F



7D707A



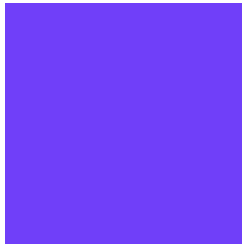
BD008B



3D002D

Previews

White Background



This preview shows how the Hex color 703FF9 looks on a white background.

Color Contrast Check

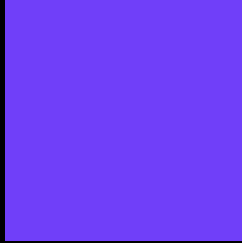
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 703FF9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

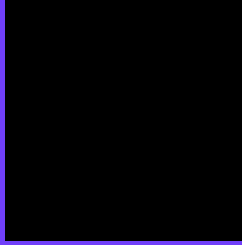
Any Text WCAG AA × Fail

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 703FF9 Background



This preview shows how black text looks on a background with the Hex color 703FF9.

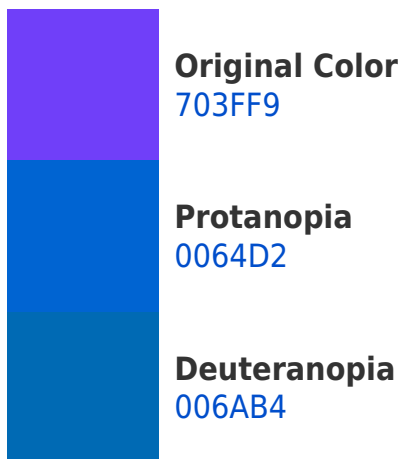


This preview shows how white text looks on a background with the Hex color 703FF9.

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
426E77

Trichromacy



Original Color

703FF9



Protanomaly

2957E0



Deuteranomaly

295ACD



Tritanomaly

535DA6

Monochromacy



Original Color

703FF9



Achromatopsia

636363



Achromatomaly

68569A

CSS Examples

Text

The CSS property to change the color of the text to Hex 703FF9 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 #703FF9 looks like.

```
.text, #text, p{  
    color:#703FF9  
}
```

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 #703FF9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #703FF9
}
```

Border

The CSS property to change the border of an element to Hex 703FF9 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
#703FF9 }
```

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

```
.border{ border-color:#703FF9 }
```

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

Here you see how a box with a 4 pixel #703FF9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #703FF9; -webkit-box-shadow:4px 4px  
4px 4px #703FF9; box-shadow:4px 4px 4px  
4px #703FF9 }
```

Background

The CSS property to change the background color of an element to Hex 703FF9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#703FF9 }
```

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

```
.background{ background-color:#703FF9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor