

Converting Colors

Hex(741FB5)

Have a look what the booklet for
Hex(741FB5) contains.

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Color

Hex(741FB5)

Conversions

Conversions Part 1

Format	Color
Hex	741FB5
RGB	116, 31, 181
RGB Percent	45%, 12%, 71%
CMY	0.5451, 0.8784, 0.2902
CMYK	0.36, 0.83, 0.00, 0.29
HSL	274°, 71%, 42%
HSV	274°, 83%, 71%
XYZ	16.0329, 8.0292, 44.4208
YIQ	73.5150, 2.5100, 64.6700

Conversions

Conversions Part 2

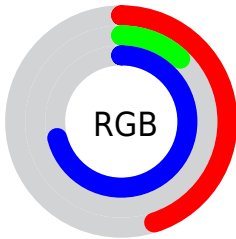
Format	Color
R_{YB}	116, 31, 181
Decimal	7610293
CIE _{Lab}	34.04, 60.56, -62.05
CIE _{LCh}	34, 86.707, 314.304
Yxy	8.0292, 0.2341, 0.1172
Android (android.graphics.Color)	4285800373 (0xFF741FB5)
YUV	73.5150, 52.9901, 37.2593
Hunter-Lab	28.3358, 51.4111, -73.1113

Details

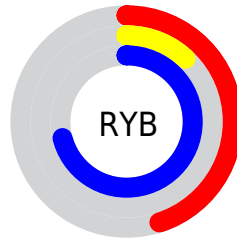
The Hex color **741FB5** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **60B51F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AD58EE**, and **3A007F** is the 20% darker color. If you saturate the color by 10%, you get **6C0DB5**, and if you desaturate by 10%, it is **7C31B5**.

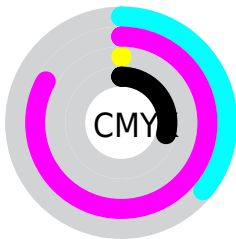
Distribution



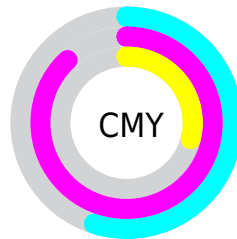
- Red (45%)
- Green (12%)
- Blue (71%)



- Red (45%)
- Yellow (12%)
- Blue (71%)



- Cyan (36%)
- Magenta (83%)
- Yellow (0%)
- Black (29%)



- Cyan (55%)
- Magenta (88%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 741FB5 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 741FB5 by changing the saturation by 10% instead.

741FB5

741FB5

FFFFFF

57009A

AD58EE

3A007F

CB73FF

1A0065

E88EFF

00004C

FFAAFF

000434

FFC6FF

00021E

FFE3FF

000000

741FB5

741FB5

6C0DB5

7C31B5

6700B5

8443B5

8C55B5

9367B5

9B7AB5

A38CB5

AB9EB5

B3B0B5

BBC2B5

Harmonies

Analogous

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



0050DA



741FB5



B20077

Triad

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



741FB5



7F3F00



006971

Complementary

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



741FB5



60B51F

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.



006727



741FB5



445800

Square

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



741FB5



AA0000



006200



0069B1

Rectangle

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



741FB5



BF004A



006200



006859

Sweetspot

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



741FB5



D1B0EB



1F60B5



665275



F5F5F5



757575

Same Dimension

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



741FB5



8602EB



B51FAB



555059



570099



0E001A

Inverse Universe

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



B51F60



EB0267



1FB529



595054



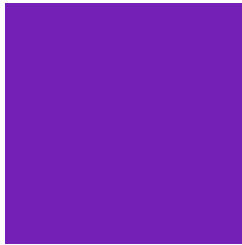
990042



1A000B

Previews

White Background



This preview shows how the Hex color 741FB5 looks on a white background.

Color Contrast Check

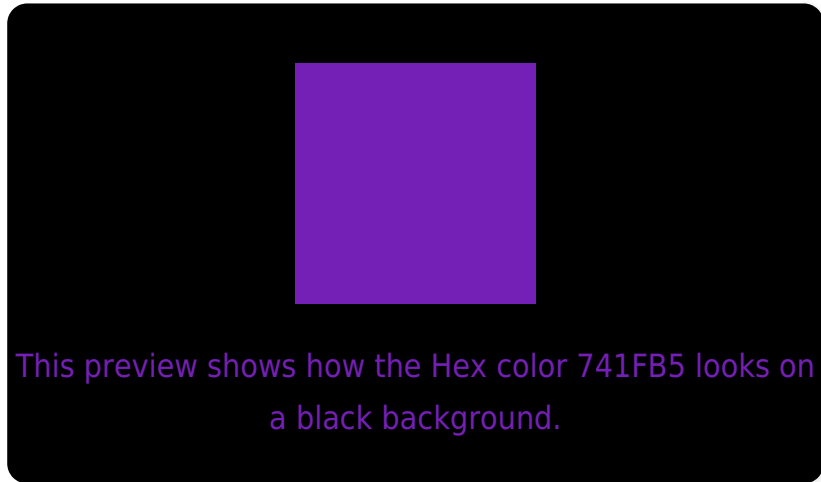
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

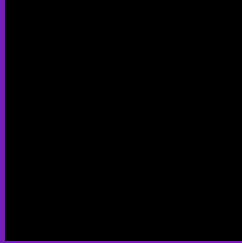
Any Text WCAG AA × Fail

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 741FB5 Background



This preview shows how black text looks on a background with the Hex color 741FB5.

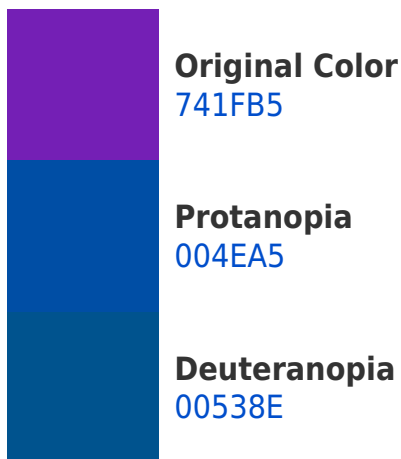


This preview shows how white text looks on a background with the Hex color 741FB5.

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
604B51

Trichromacy



Original Color
741FB5



Protanomaly
2A3DAB



Deuteranomaly
2A409C



Tritanomaly
673B75

Monochromacy



Original Color
741FB5



Achromatopsia
4A4A4A



Achromatomaly
593A71

CSS Examples

Text

The CSS property to change the color of the text to Hex 741FB5 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 #741FB5 looks like.

```
.text, #text, p{  
    color:#741FB5  
}
```

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 #741FB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #741FB5
}
```

Border

The CSS property to change the border of an element to Hex 741FB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

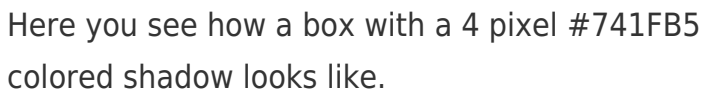
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#741FB5 }
```

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

```
.border{ border-color:#741FB5 }
```

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



Here you see how a box with a 4 pixel #741FB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #741FB5; -webkit-box-shadow:4px 4px  
4px 4px #741FB5; box-shadow:4px 4px 4px  
4px #741FB5 }
```

Background

The CSS property to change the background color of an element to Hex 741FB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#741FB5 }
```

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

```
.background{ background-color:#741FB5 }
```

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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