

Converting Colors

Hex(741BED)

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

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Color

Hex(741BED)

Conversions

Conversions Part 1

Format	Color
Hex	741BED
RGB	116, 27, 237
RGB Percent	45%, 11%, 93%
CMY	0.5451, 0.8941, 0.0706
CMYK	0.51, 0.89, 0.00, 0.07
HSL	265°, 85%, 52%
HSV	265°, 89%, 93%
XYZ	22.8805, 10.6113, 80.9630
YIQ	77.5510, -14.3660, 84.1780

Conversions

Conversions Part 2

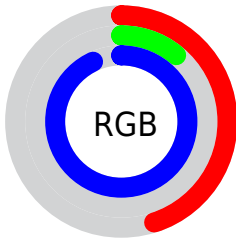
Format	Color
R _Y B	116, 27, 237
Decimal	7609325
CIE Lab	38.92, 74.32, -86.51
CIE LCh	39, 114.048, 310.668
Yxy	10.6113, 0.1999, 0.0927
Android (android.graphics.Color)	4285799405 (0xFF741BED)
YUV	77.5510, 78.6084, 33.7198
Hunter-Lab	32.5750, 68.3710, -124.5590

Details

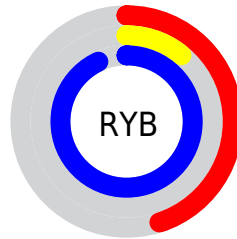
The Hex color **741BED** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **94ED1B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B359FF**, and **2B00B3** is the 20% darker color. If you saturate the color by 10%, you get **6603ED**, and if you desaturate by 10%, it is **8233ED**.

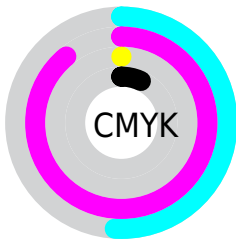
Distribution



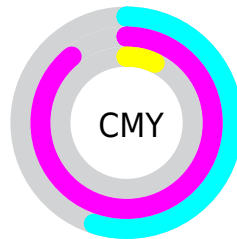
- Red (45%)
- Green (11%)
- Blue (93%)



- Red (45%)
- Yellow (11%)
- Blue (93%)



- Cyan (51%)
- Magenta (89%)
- Yellow (0%)
- Black (7%)



- Cyan (55%)
- Magenta (89%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 741BED

 741BED

FFFFFF

 5300D0

 B359FF

 2B00B3

 D275FF

 000098

 F191FF

 00007D

 FFADFF

 000063

 FFCAFF

 00094A

 FFE7FF

 000432

 00021C

 000000

■ 741BED

■ 741BED

■ 6603ED

■ 8233ED

■ 6400ED

■ 8F4AED

■ 9D62ED

■ AB7AED

■ B891ED

■ C6A9ED

■ D4C1ED

■ E1D9ED

■ EFF0ED

Harmonies

Analogous

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



0062FF



741BED



D8009B

Triad

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



741BED



9F3D00



007A7C

Complementary

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



741BED



94ED1B

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.



007711



741BED



526300

Square

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



741BED



D60000



007200



007CD6

Rectangle

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



741BED



ED005F



007200



00795C

Sweetspot

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



741BED



D7BAFF



1B96ED



685780



000000



808080

Same Dimension

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



741BED



6C00FF



DB1BED



6F6A75



4D00B5



170036

Inverse Universe

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



ED1B94



FF0093



2DED1B



756A70



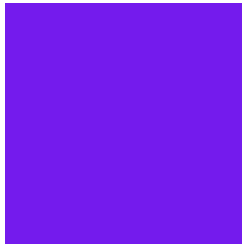
B50068



36001F

Previews

White Background



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

Color Contrast Check

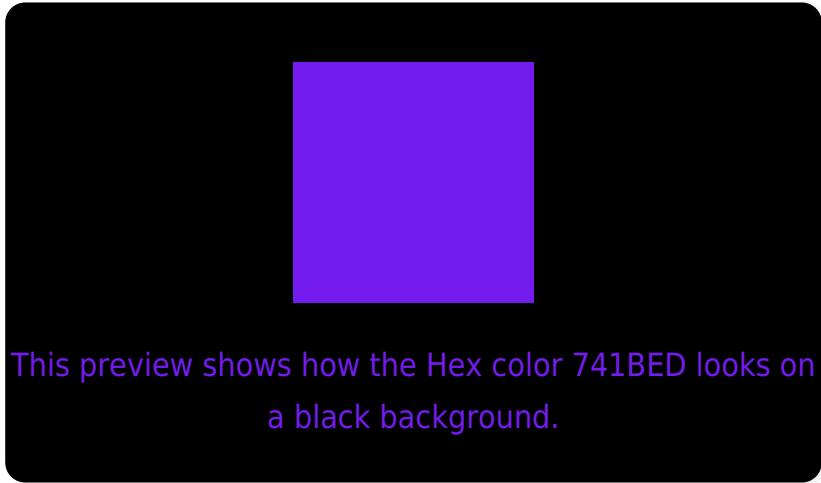
Large Text (above 18pt) WCAG AA ✓ Pass

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

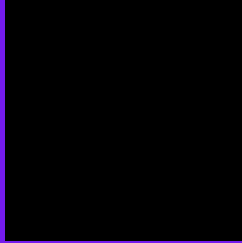
Any Text WCAG AA × Fail

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 741BED Background



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

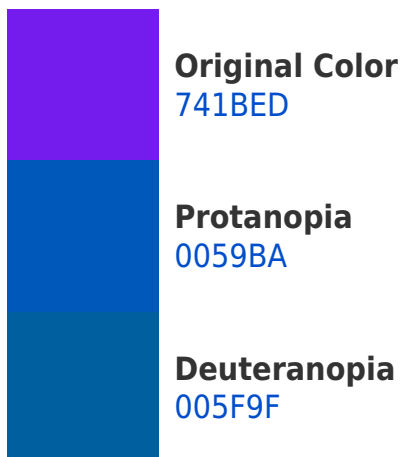


This preview shows how white text looks on a background with the Hex color 741BED.

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
4C5F66

Trichromacy



Original Color
741BED



Protanomaly
2A42CD



Deuteranomaly
2A46BB



Tritanomaly
5B4697

Monochromacy



Original Color
741BED



Achromatopsia
4E4E4E



Achromatomaly
5C3B88

CSS Examples

Text

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

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

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 #741BED colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 741BED 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".

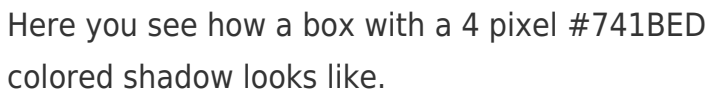
```
.border, #border, table{ border:4px solid
#741BED }
```

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

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

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

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

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

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

Background

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

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

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

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

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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