

Converting Colors

Hex(781FAB)

Have a look what the booklet for
Hex(781FAB) contains.

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Color

Hex(781FAB)

Conversions

Conversions Part 1

Format	Color
Hex	781FAB
RGB	120, 31, 171
RGB Percent	47%, 12%, 67%
CMY	0.5294, 0.8784, 0.3294
CMYK	0.30, 0.82, 0.00, 0.33
HSL	278°, 69%, 40%
HSV	278°, 82%, 67%
XYZ	15.5864, 7.9133, 39.2340
YIQ	73.5710, 8.1040, 62.4080

Conversions

Conversions Part 2

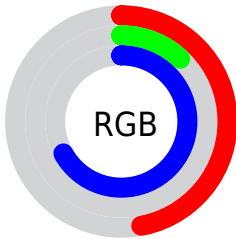
Format	Color
R_{YB}	120, 31, 171
Decimal	7872427
CIE _{Lab}	33.80, 59.02, -56.45
CIE _{LCh}	34, 81.669, 316.270
Yxy	7.9133, 0.2485, 0.1261
Android (android.graphics.Color)	4286062507 (0xFF781FAB)
YUV	73.5710, 48.0325, 40.7182
Hunter-Lab	28.1306, 49.6734, -63.0008

Details

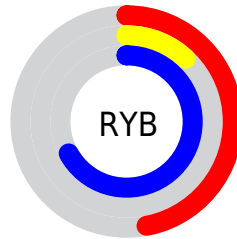
The Hex color **781FAB** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **52AB1F**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B158E3**, and **400076** is the 20% darker color. If you saturate the color by 10%, you get **720EAB**, and if you desaturate by 10%, it is **7E30AB**.

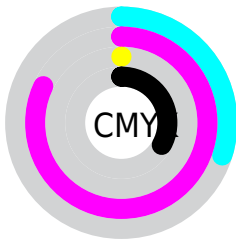
Distribution



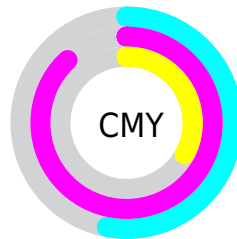
- Red (47%)
- Green (12%)
- Blue (67%)



- Red (47%)
- Yellow (12%)
- Blue (67%)



- Cyan (30%)
- Magenta (82%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (88%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 781FAB 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 781FAB by changing the saturation by 10% instead.

 781FAB

 781FAB

FFFFFF

 5C0090

 B158E3

 400076

 CE72FF

 23005C

 EB8EFF

 000044

 FFAAFF

 00032C

 FFC6FF

 000117

 FFE3FF

 000000

 781FAB

 781FAB

 720EAB

 7E30AB

6D00AB

8441AB

8B52AB

9163AB

9774AB

9D86AB

A497AB

AAA8AB

B0B9AB

Harmonies

Analogous

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



004DCF



781FAB



AE0070

Triad

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



781FAB



7A4200



006873

Complementary

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



781FAB



52AB1F

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.



00662E



781FAB



415800

Square

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



781FAB



A40500



006100



0067AE

Rectangle

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



781FAB



B90045



006100



00675C

Sweetspot

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



781FAB



CAA6DE



1F52AB



644F70



F0F0F0



707070

Same Dimension

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



781FAB



8F04DE



AB1F98



544E57



600096



0F0017

Inverse Universe

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



AB1F52



DE0454



1FAB32



574E51



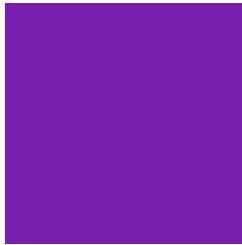
960037



170008

Previews

White Background



This preview shows how the Hex color 781FAB 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

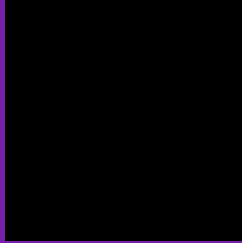
Any Text WCAG AA × Fail

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 781FAB Background



This preview shows how black text looks on a background with the Hex color 781FAB.

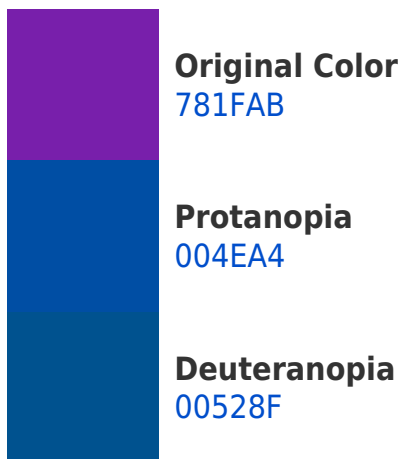



This preview shows how white text looks on a background with the Hex color 781FAB.

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
68474D

Trichromacy



Original Color
781FAB



Protanomaly
2C3DA7



Deuteranomaly
2C3F99



Tritanomaly
6E386F

Monochromacy



Original Color
781FAB



Achromatopsia
4A4A4A



Achromatomaly
5B3A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 781FAB 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 #781FAB looks like.

```
.text, #text, p{  
    color:#781FAB  
}
```

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 #781FAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #781FAB
}
```

Border

The CSS property to change the border of an element to Hex 781FAB 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
#781FAB }
```

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

```
.border{ border-color:#781FAB }
```

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

Here you see how a box with a 4 pixel #781FAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #781FAB; -webkit-box-shadow:4px 4px  
4px 4px #781FAB; box-shadow:4px 4px 4px  
4px #781FAB }
```

Background

The CSS property to change the background color of an element to Hex 781FAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#781FAB }
```

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

```
.background{ background-color:#781FAB }
```

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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