

Converting Colors

Hex(782AFF)

Have a look what the booklet for
Hex(782AFF) contains.

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Color

Hex(782AFF)

Conversions

Conversions Part 1

Format	Color
Hex	782AFF
RGB	120, 42, 255
RGB Percent	47%, 16%, 100%
CMY	0.5294, 0.8353, 0.0000
CMYK	0.53, 0.84, 0.00, 0.00
HSL	262°, 100%, 58%
HSV	262°, 84%, 100%
XYZ	26.6237, 12.8690, 95.6885
YIQ	89.6040, -21.8850, 82.7790

Conversions

Conversions Part 2

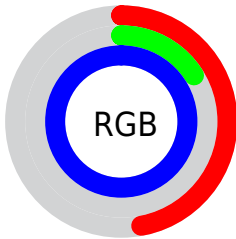
Format	Color
R _Y B	120, 42, 255
Decimal	7875327
CIE Lab	42.57, 74.71, -90.60
CIE LCh	43, 117.430, 309.512
Yxy	12.8690, 0.1969, 0.0952
Android (android.graphics.Color)	4286065407 (0xFF782AFF)
YUV	89.6040, 81.5402, 26.6573
Hunter-Lab	35.8734, 69.6966, -133.0385

Details

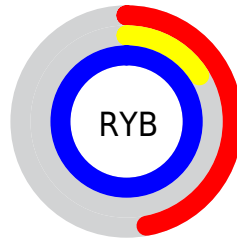
The Hex color **782AFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **B1FF2A**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **B864FF**, and **2C00C5** is the 20% darker color. If you saturate the color by 10%, you get **6810FF**, and if you desaturate by 10%, it is **8843FF**.

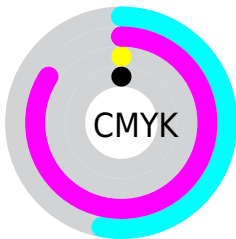
Distribution



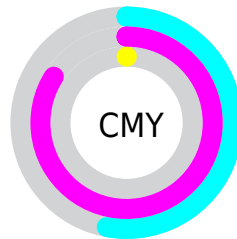
- Red (47%)
- Green (16%)
- Blue (100%)



- Red (47%)
- Yellow (16%)
- Blue (100%)



- Cyan (53%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (53%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 782AFF 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 782AFF by changing the saturation by 10% instead.

 782AFF

 782AFF

FFFFFF

 5600E2

 B864FF

 2C00C5

 D780FF

 0000A8

 F79CFF

 00008D

 FFB8FF


 000072

 FFD5FF

 000D58

 FFF3FF

 000740

 000329

 000113

 782AFF

 782AFF

 6810FF

 8843FF

 5D00FF

 985DFF

 A877FF

 B990FF

 C9AAFF

 D9C3FF

 E9DDFF

 F9F6FF

FFFFFF

Harmonies

Analogous

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



006CFF



782AFF



E500AB

Triad

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



782AFF



AE4200



008483

Complementary

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



782AFF



B1FF2A

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.



008112



782AFF



5F6B00

Square

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



782AFF



E70000



007C00



0087E1

Rectangle

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



782AFF



FC006B



007C00



008461

Sweetspot

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



782AFF



D7BFFF



2AB4FF



675980



000000



808080

Same Dimension

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



782AFF



5D00FF



DF2AFF



777380



4600BF



170040

Inverse Universe

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



FF2AB1



FF00A2



4AFF2A



80737B



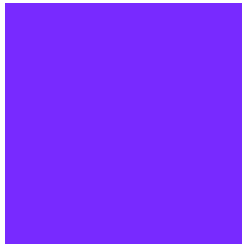
BF0079



400028

Previews

White Background



This preview shows how the Hex color 782AFF looks on a white background.

Color Contrast Check

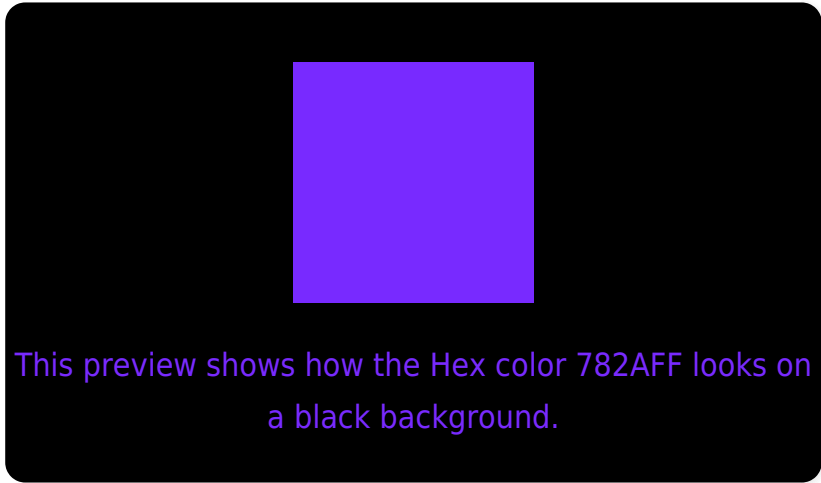
Large Text (above 18pt) WCAG AA ✓ Pass

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

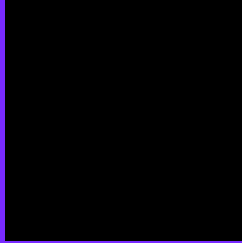
Any Text WCAG AA × Fail

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 782AFF Background



This preview shows how black text looks on a background with the Hex color 782AFF.

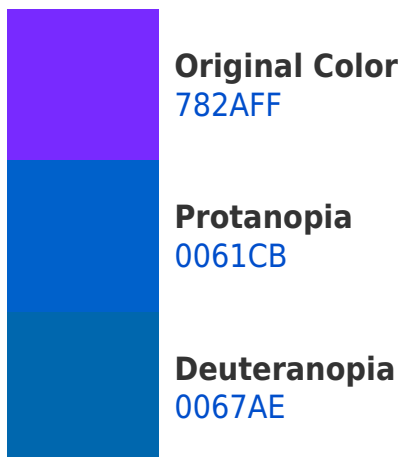



This preview shows how white text looks on a background with the Hex color 782AFF.

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
4B6971

Trichromacy



Original Color

782AFF



Protanomaly

2C4DDE



Deuteranomaly

2C51CB



Tritanomaly

5B52A5

Monochromacy



Original Color

782AFF



Achromatopsia

5A5A5A



Achromatomaly

654996

CSS Examples

Text

The CSS property to change the color of the text to Hex 782AFF 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 #782AFF looks like.

```
.text, #text, p{  
    color:#782AFF  
}
```

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 #782AFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #782AFF
}
```

Border

The CSS property to change the border of an element to Hex 782AFF 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
#782AFF }
```

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

```
.border{ border-color:#782AFF }
```

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

Here you see how a box with a 4 pixel #782AFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #782AFF; -webkit-box-shadow:4px 4px  
4px 4px #782AFF; box-shadow:4px 4px 4px  
4px #782AFF }
```

Background

The CSS property to change the background color of an element to Hex 782AFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#782AFF }
```

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

```
.background{ background-color:#782AFF }
```

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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