

Converting Colors

Hex(FF82E2)

Have a look what the booklet for
Hex(FF82E2) contains.

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Color

Hex(F82E2)

Conversions

Conversions Part 1

Format	Color
Hex	FF82E2
RGB	255, 130, 226
RGB Percent	100%, 51%, 89%
CMY	0.0000, 0.4902, 0.1137
CMYK	0.00, 0.49, 0.11, 0.00
HSL	314°, 100%, 75%
HSV	314°, 49%, 100%
XYZ	62.9501, 42.7163, 76.8787
YIQ	178.3190, 43.6840, 56.3560

Conversions

Conversions Part 2

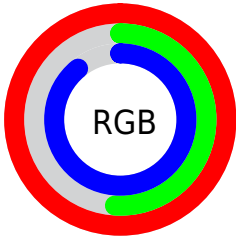
Format	Color
R_{YB}	255, 130, 226
Decimal	16745186
CIE _{Lab}	71.36, 59.28, -27.47
CIE _{LCh}	71, 65.331, 335.137
Yxy	42.7163, 0.3448, 0.2340
Android (android.graphics.Color)	4294935266 (0xFFFF82E2)
YUV	178.3190, 23.5067, 67.2492
Hunter-Lab	65.3577, 57.5487, -23.9911

Details

The Hex color **FF82E2** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82FF9F**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFBAFF**, and **C44AAA** is the 20% darker color. If you saturate the color by 10%, you get **FF69DC**, and if you desaturate by 10%, it is **FF9BE8**.

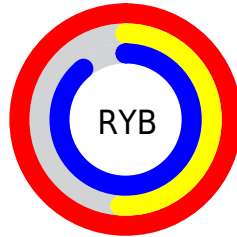
Distribution



Red (100%)

Green (51%)

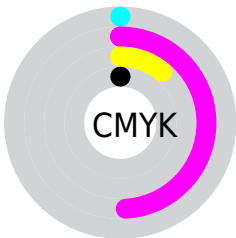
Blue (89%)



Red (100%)

Yellow (51%)

Blue (89%)

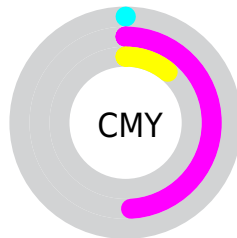


Cyan (0%)

Magenta (49%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF82E2 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 FF82E2 by changing the saturation by 10% instead.

 FF82E2

FFFFFF

 FFBAFF

 FFD7FF

 FFF5FF

 FF82E2

 E166C6

 C44AAA

 A72D90

 8B0176

 6F005D

 540045

 3B002F

 1E0019

 000000

 FF82E2

 FF82E2

 FF69DC

 FF9BE8

 FF4FD6

 FFB5EE

 FF35D0

 FFCFF4

 FF1CCA

 FFE8FA

 FF02C4

FFFFFF

 FF00C4

Harmonies

Analogous

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



BE9BFF



FF82E2



FF77A7

Triad

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



FF82E2



C5AF2B



00CAF2

Complementary

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



FF82E2



82FF9F

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.



00CBB8



FF82E2



87BF46

Square

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



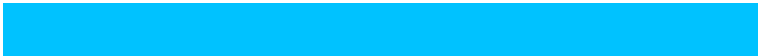
FF82E2



F5993F



0CC87A



00C2FF

Rectangle

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



FF82E2



FF7C80



0CC87A



00CBE0

Sweetspot

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



FF82E2



FFD9F6



9D82FF



80697A



000000



808080

Same Dimension

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



FF82E2



FF69DC



FF82A5



80737D



BF0093



400031

Inverse Universe

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



FF82E2



FF69DC



82FFDC



80737D



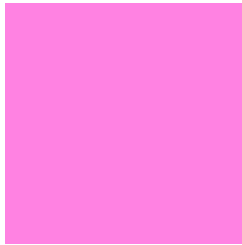
BF0093



400031

Previews

White Background



This preview shows how the Hex color FF82E2 looks on a white background.

Color Contrast Check

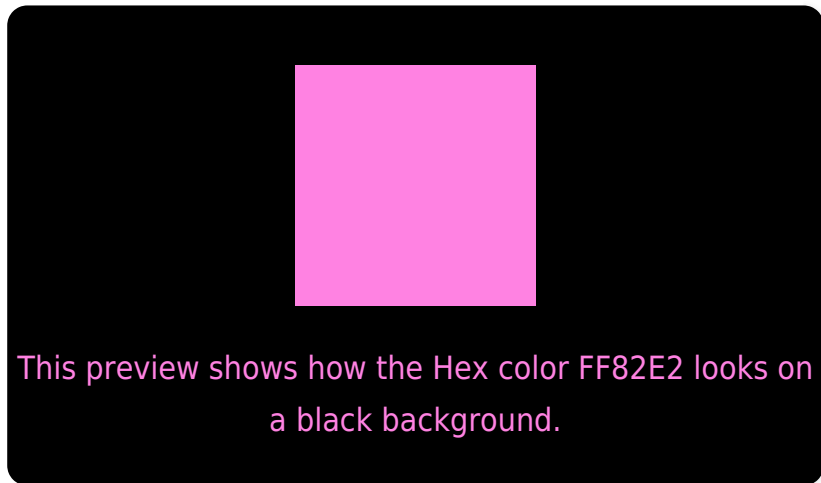
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF82E2 Background



This preview shows how black text looks on a background with the Hex color FF82E2.

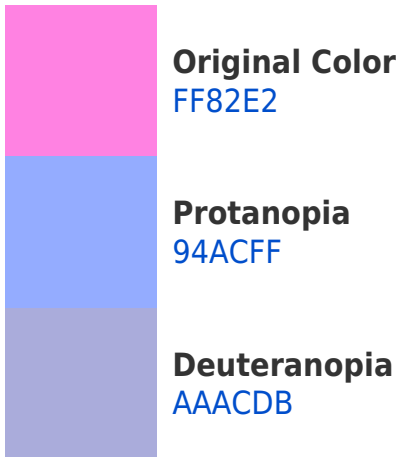



This preview shows how white text looks on a background with the Hex color FF82E2.

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](#).

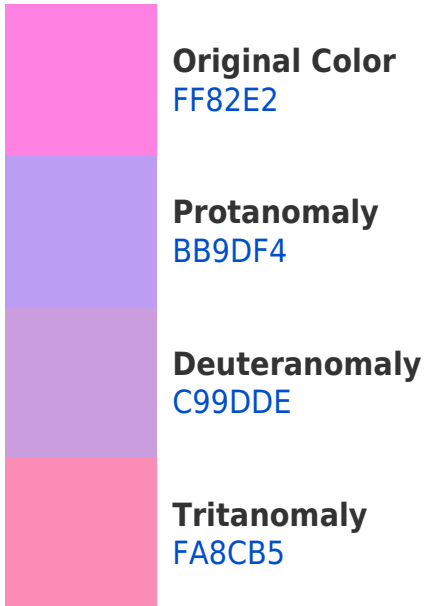
Dichromacy



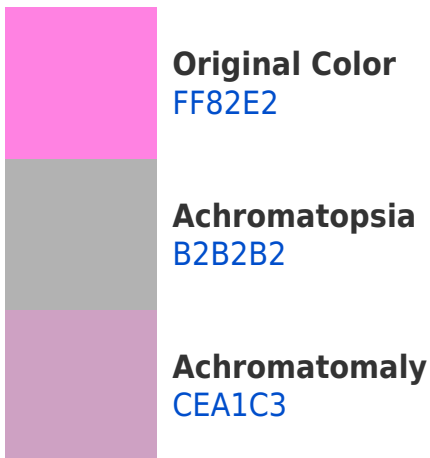


Tritanopia
F7919C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF82E2 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 #FF82E2 looks like.

```
.text, #text, p{  
    color:#FF82E2  
}
```

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 #FF82E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF82E2
}
```

Border

The CSS property to change the border of an element to Hex FF82E2 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
#FF82E2 }
```

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

```
.border{ border-color:#FF82E2 }
```

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

Here you see how a box with a 4 pixel #FF82E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF82E2; -webkit-box-shadow:4px 4px  
4px 4px #FF82E2; box-shadow:4px 4px 4px  
4px #FF82E2 }
```

Background

The CSS property to change the background color of an element to Hex FF82E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF82E2 }
```

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

```
.background{ background-color:#FF82E2 }
```

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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