

# Converting Colors

Hex(82D2FF)

Have a look what the booklet for  
Hex(82D2FF) contains.

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# **Color**

**Hex(82D2FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82D2FF
RGB	130, 210, 255
RGB Percent	51%, 82%, 100%
CMY	0.4902, 0.1765, 0.0000
CMYK	0.49, 0.18, 0.00, 0.00
HSL	202°, 100%, 75%
HSV	202°, 49%, 100%
XYZ	50.3025, 58.0590, 103.1630
YIQ	191.2100, -62.1250, -2.9650

# Conversions

## Conversions Part 2

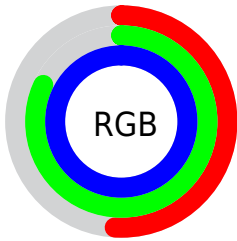
Format	Color
R <sub>Y</sub> B	130, 179, 255
Decimal	8573695
CIE <sub>Lab</sub>	80.77, -12.68, -29.59
CIE <sub>LCh</sub>	81, 32.189, 246.803
Yxy	58.0590, 0.2378, 0.2745
Android (android.graphics.Color)	4286763775 (0xFF82D2FF)
YUV	191.2100, 31.4485, -53.6812
Hunter-Lab	76.1965, -15.5037, -26.9357

# Details

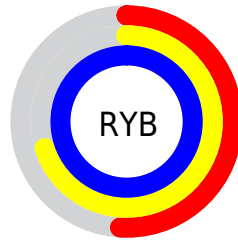
The Hex color **82D2FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFAF82**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **BDFFFF**, and **459CC6** is the 20% darker color. If you saturate the color by 10%, you get **69C9FF**, and if you desaturate by 10%, it is **9BDBFF**.

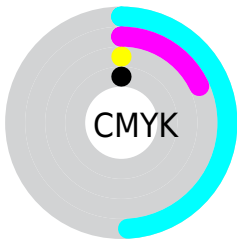
# Distribution



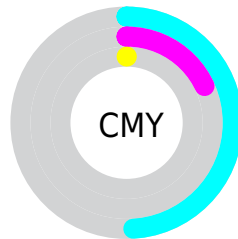
- Red (51%)
- Green (82%)
- Blue (100%)



- Red (51%)
- Yellow (70%)
- Blue (100%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (18%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82D2FF 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 82D2FF by changing the saturation by 10% instead.



 82D2FF

 82D2FF

FFFFFF

 64B6E2

 BDFFFF

 459CC6

 DAFFFF

 2082AB


 F8FFFF

 006890

 005076

 00395D

 002446

 00092F

 00011A

 82D2FF

 82D2FF

 69C9FF

 9BDBFF

 4FC0FF

 B5E4FF

 35B6FF

 CFEEFF

 1CADFF

 E8F7FF

 02A4FF

FFFFFF

 00A3FF

# Harmonies

## Analogous

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



6BD8EB



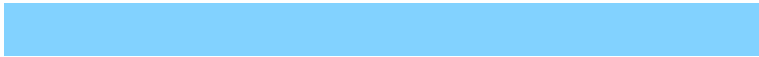
82D2FF



ACC9FF

# Triad

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



82D2FF



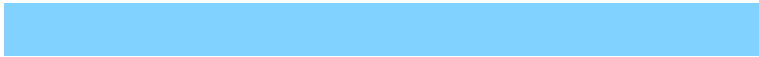
FFB2C3



B6D298

# Complementary

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



82D2FF



FFAF82

# 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.



D7C98D



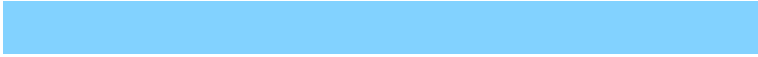
82D2FF



FFB6A6

# Square

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



82D2FF



F5B6E1



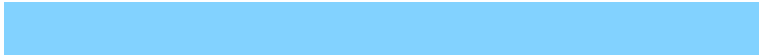
F2BF92



93D7B0

# Rectangle

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



82D2FF



C9C2FE



F2BF92

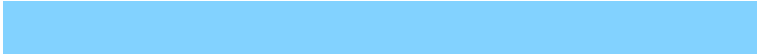


C2CF92

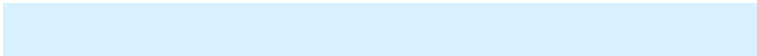


# Sweetspot

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



82D2FF



D9F1FF



82FFAE



697780



000000

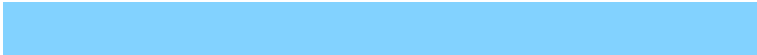


808080



# Same Dimension

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



82D2FF



69C9FF



8295FF



737B80



007ABF



002940



# Inverse Universe

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



FF82D2



FF69C9



FFEC82



80737B



BF007A

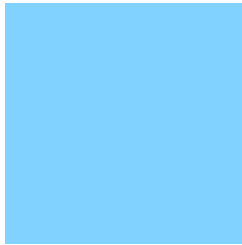


400029



# Previews

## White Background



This preview shows how the Hex color 82D2FF looks on a white background.

## Color Contrast Check

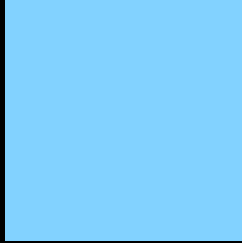
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 82D2FF looks on a 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 82D2FF Background



This preview shows how black text looks on a background with the Hex color 82D2FF.

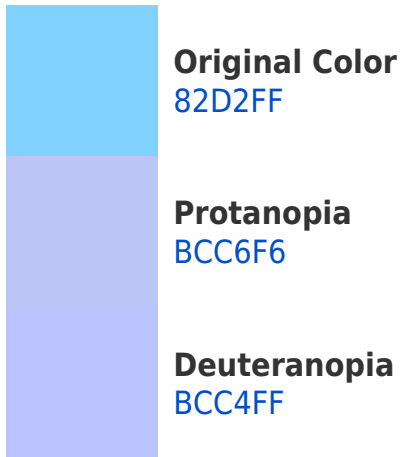


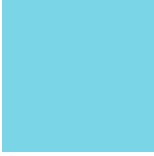
This preview shows how white text looks on a background with the Hex color 82D2FF.

# 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](#).

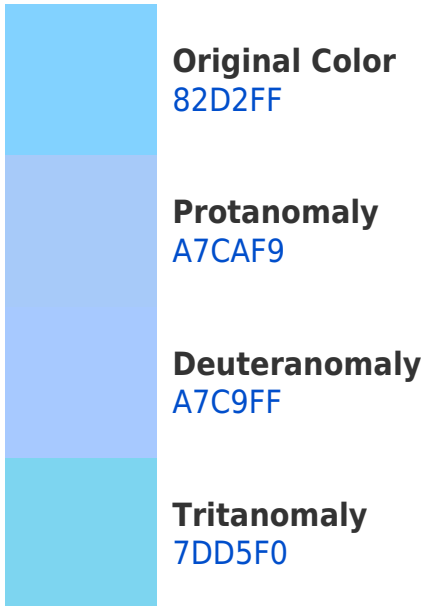
## Dichromacy



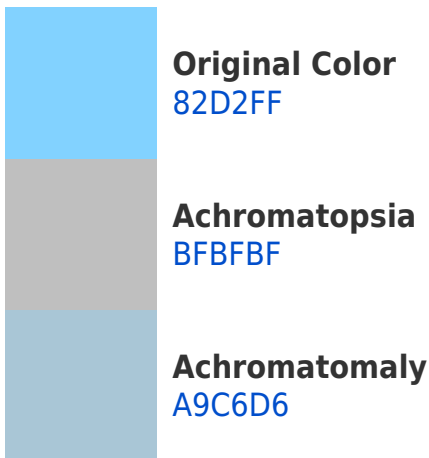


**Tritanopia**  
7AD6E7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82D2FF 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 #82D2FF looks like.

```
.text, #text, p{  
    color:#82D2FF  
}
```

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 #82D2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82D2FF
}
```

## Border

The CSS property to change the border of an element to Hex 82D2FF 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
#82D2FF }
```

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

```
.border{ border-color:#82D2FF }
```

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

Here you see how a box with a 4 pixel #82D2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82D2FF; -webkit-box-shadow:4px 4px  
4px 4px #82D2FF; box-shadow:4px 4px 4px  
4px #82D2FF }
```

# Background

The CSS property to change the background color of an element to Hex 82D2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82D2FF }
```

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

```
.background{ background-color:#82D2FF }
```

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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