

# Converting Colors

Hex(82DEFF)

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

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# **Color**

**Hex(82DEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82DEFF
RGB	130, 222, 255
RGB Percent	51%, 87%, 100%
CMY	0.4902, 0.1294, 0.0000
CMYK	0.49, 0.13, 0.00, 0.00
HSL	196°, 100%, 75%
HSV	196°, 49%, 100%
XYZ	53.3772, 64.2084, 104.1879
YIQ	198.2540, -65.4250, -9.2410

# Conversions

## Conversions Part 2

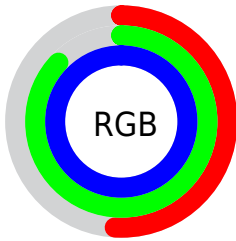
Format	Color
<a href="#">RYB</a>	<a href="#">130, 183, 255</a>
Decimal	<a href="#">8576767</a>
CIELab	<a href="#">84.07, -18.84, -24.54</a>
CIELCh	<a href="#">84, 30.937, 232.492</a>
Yxy	<a href="#">64.2084, 0.2407, 0.2895</a>
Android (android.graphics.Color)	<a href="#">4286766847</a> ( <a href="#">0xFF82DEFF</a> )
YUV	<a href="#">198.2540, 27.9758, -59.8588</a>
Hunter-Lab	<a href="#">80.1301, -21.3233, -20.9998</a>

# Details

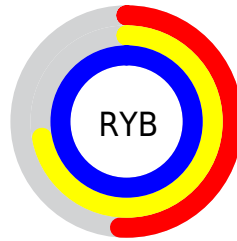
The Hex color **82DEFF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA382**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **BDFFFF**, and **45A7C6** is the 20% darker color. If you saturate the color by 10%, you get **69D7FF**, and if you desaturate by 10%, it is **9BE5FF**.

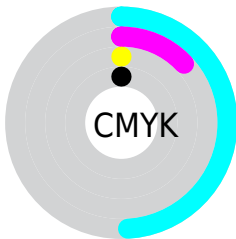
# Distribution



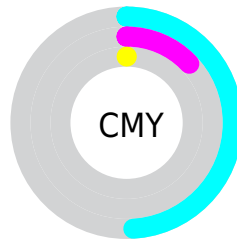
- Red (51%)
- Green (87%)
- Blue (100%)



- Red (51%)
- Yellow (72%)
- Blue (100%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (49%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 82DEFF

 82DEFF

FFFFFF

 64C2E2

 BDFFFF

 45A7C6

 DBFFFF

 1D8CAB

 F9FFFF

 007390

 005A77

 00425E

 002C46

 00192F

 00011A

 82DEFF

 82DEFF

 69D7FF

 9BE5FF

 4FD1FF

 B5EBFF

 35CAFF

 CFF2FF

 1CC3FF

 E8F9FF

 02BCFF

FFFFFF

 00BCFF

# Harmonies

## Analogous

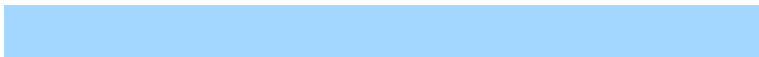
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7BE2E7



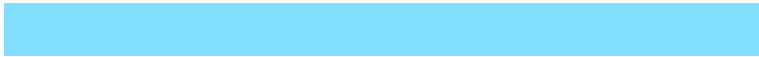
82DEFF



A3D7FF

# Triad

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



82DEFF



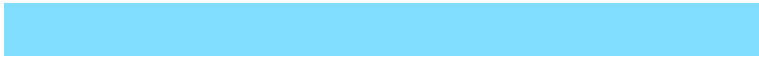
FFBDDA



D0D79B

# Complementary

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



82DEFF



FFA382

# 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.



EECD98



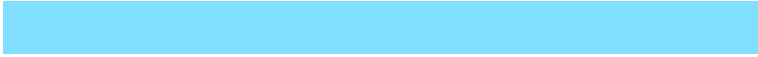
82DEFF



FFBDBD

# Square

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



82DEFF



F0C3F6



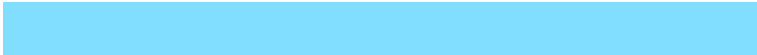
FFC4A5



AEDEAD

# Rectangle

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



82DEFF



BFD0FF



FFC4A5



DAD499



# Sweetspot

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



82DEFF



D9F5FF



82FFA1



697980



000000

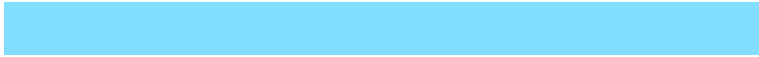


808080



# Same Dimension

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



82DEFF



69D7FF



82A1FF



737C80



008DBF



002F40



# Inverse Universe

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



FF82DE



FF69D7



FFE082



80737C



BF008D

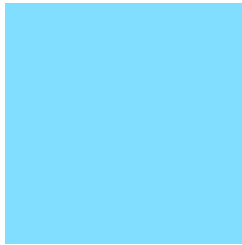


40002F



# Previews

## White Background



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

## Color Contrast Check

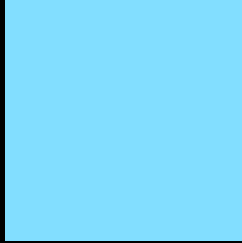
Large Text (above 18pt) WCAG AA × Fail

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 82DEFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

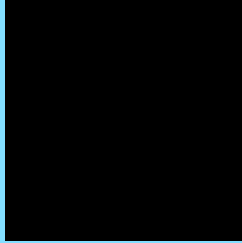
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 82DEFF Background



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

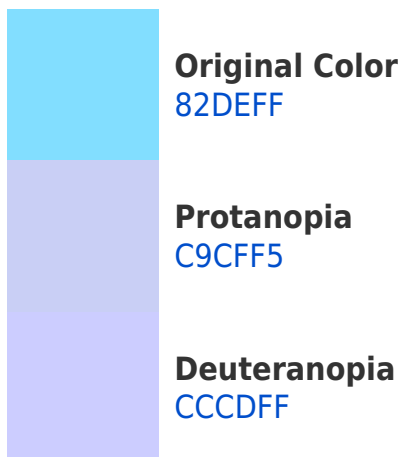


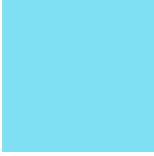
This preview shows how white text looks on a background with the Hex color 82DEFF.

# 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](#).

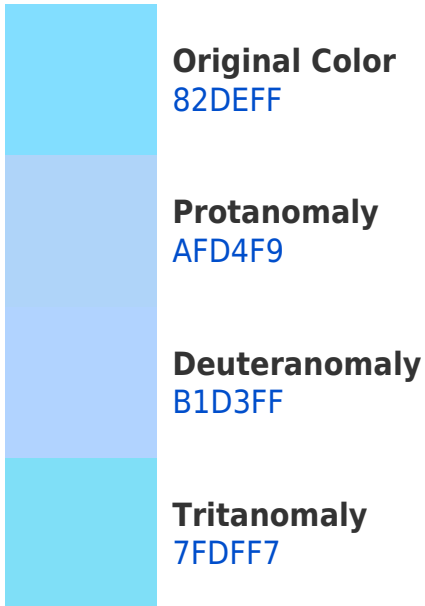
## Dichromacy



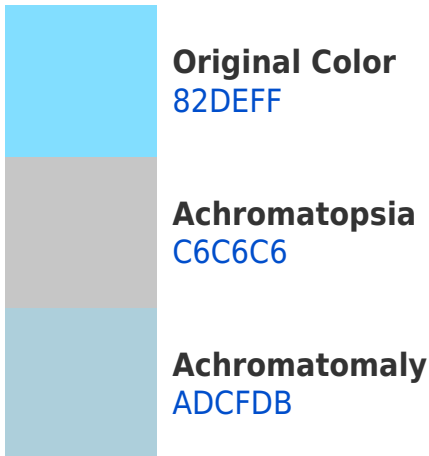


**Tritanopia**  
7EE0F2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #82DEFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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