

# Converting Colors

Hex(82DEF4)

Have a look what the booklet for  
Hex(82DEF4) contains.

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# **Color**

**Hex(82DEF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	82DEF4
RGB	130, 222, 244
RGB Percent	51%, 87%, 96%
CMY	0.4902, 0.1294, 0.0431
CMYK	0.47, 0.09, 0.00, 0.04
HSL	192°, 84%, 73%
HSV	192°, 47%, 96%
XYZ	51.6563, 63.5200, 95.1260
YIQ	197.0000, -61.8940, -12.6620

# Conversions

## Conversions Part 2

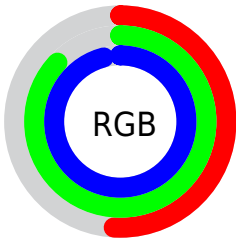
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	130, 181, 244
Decimal	8576756
CIE Lab	83.72, -21.77, -19.27
CIE LCh	84, 29.076, 221.516
Yxy	63.5200, 0.2456, 0.3020
Android (android.graphics.Color)	4286766836 (0xFF82DEF4)
YUV	197.0000, 23.1710, -58.7590
Hunter-Lab	79.6995, -23.7812, -14.9765

# Details

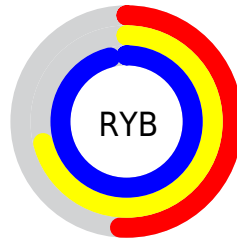
The Hex color **82DEF4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F49882**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **BCFFFF**, and **46A7BC** is the 20% darker color. If you saturate the color by 10%, you get **6AD9F4**, and if you desaturate by 10%, it is **9AE3F4**.

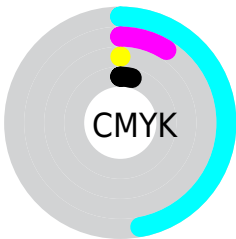
# Distribution



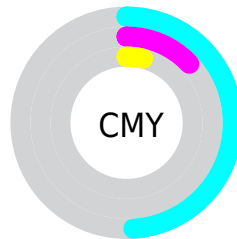
- Red (51%)
- Green (87%)
- Blue (96%)



- Red (51%)
- Yellow (71%)
- Blue (96%)



- Cyan (47%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (13%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 82DEF4 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 82DEF4 by changing the saturation by 10% instead.



 82DEF4

FFFFFF

 BCFFFF

 DAFFFF

 F8FFFF

 82DEF4

 65C2D8

 46A7BC

 228CA1

 007287

 005A6D

 004255

 002B3E

 001728

 000112

 82DEF4

 82DEF4

 6AD9F4

 9AE3F4

 51D5F4

 B3E7F4

 39D0F4

 CBECF4

 20CBF4

 E4F1F4

 08C6F4

 FCF6F4

 00C5F4

 FFFAF4

 FFFFF4

# Harmonies

## Analogous

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



85E0DB



82DEF4



99D8FF

# Triad

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



82DEF4



FDBFE3



DAD29B

# Complementary

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



82DEF4



F49882

# 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.



F4C99D



82DEF4



FFBDC7

# Square

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



82DEF4



E2C6FA



FFC1AE



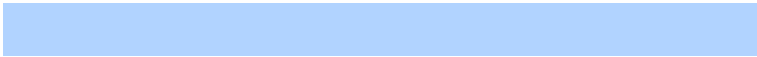
BBDAA7

# Rectangle

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



82DEF4



B1D3FF



FFC1AE



E3CF9A

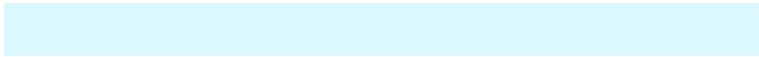


# Sweetspot

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



82DEF4



DBF8FF



82F497



6A7B80



000000



808080



# Same Dimension

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



82DEF4



70E3FF



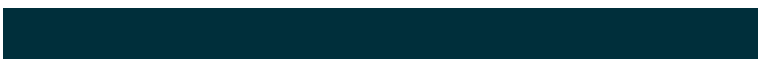
82A6F4



6E787A



0096BA



002F3B



# Inverse Universe

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



F482DE



FF70E3



F4D082



7A6E78



BA0096

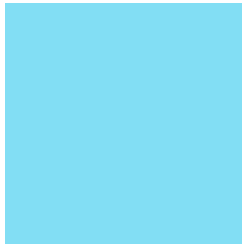


3B002F



# Previews

## White Background



This preview shows how the Hex color 82DEF4 looks on a white background.

## Color Contrast Check

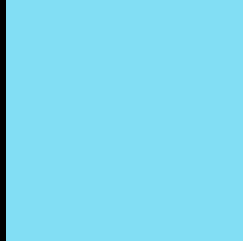
Large Text (above 18pt) WCAG AA × Fail

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 82DEF4 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 82DEF4 Background



This preview shows how black text looks on a background with the Hex color 82DEF4.



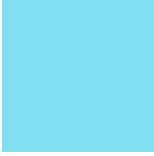
This preview shows how white text looks on a background with the Hex color 82DEF4.

# 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



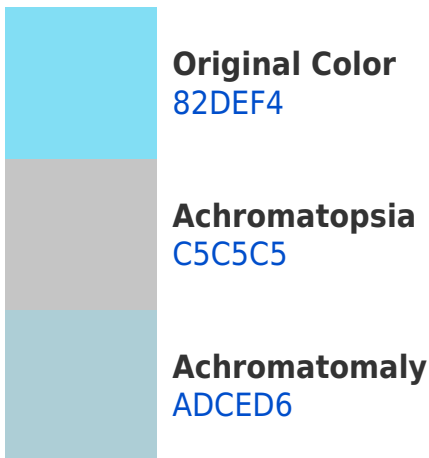


**Tritanopia**  
81DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 82DEF4 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 #82DEF4 looks like.

```
.text, #text, p{  
    color:#82DEF4  
}
```

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 #82DEF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82DEF4
}
```

## Border

The CSS property to change the border of an element to Hex 82DEF4 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
#82DEF4 }
```

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

```
.border{ border-color:#82DEF4 }
```

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

Here you see how a box with a 4 pixel #82DEF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82DEF4; -webkit-box-shadow:4px 4px  
4px 4px #82DEF4; box-shadow:4px 4px 4px  
4px #82DEF4 }
```

# Background

The CSS property to change the background color of an element to Hex 82DEF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82DEF4 }
```

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

```
.background{ background-color:#82DEF4 }
```

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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