

# Converting Colors

Hex(8FF0D6)

Have a look what the booklet for  
Hex(8FF0D6) contains.

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# Color

**Hex(8FF0D6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8FF0D6
RGB	143, 240, 214
RGB Percent	56%, 94%, 84%
CMY	0.4392, 0.0588, 0.1608
CMYK	0.40, 0.00, 0.11, 0.06
HSL	164°, 76%, 75%
HSV	164°, 40%, 94%
XYZ	54.6254, 73.0149, 74.8325
YIQ	208.0330, -49.4660, -28.6500

# Conversions

## Conversions Part 2

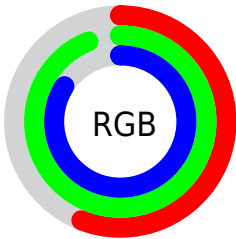
<b>Format</b>	<b>Color</b>
<b>RYB</b>	143, 199, 240
Decimal	9433302
CIELab	88.45, -34.53, 3.60
CIELCh	88, 34.715, 174.054
Yxy	73.0149, 0.2698, 0.3606
Android (android.graphics.Color)	4287623382 (0xFF8FF0D6)
YUV	208.0330, 2.9417, -57.0339
Hunter-Lab	85.4487, -35.4244, 7.8903

# Details

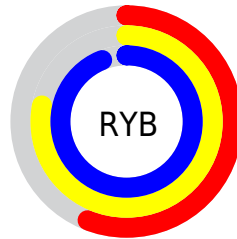
The Hex color **8FF0D6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F08FA9**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **C8FFFF**, and **56B89F** is the 20% darker color. If you saturate the color by 10%, you get **77F0D0**, and if you desaturate by 10%, it is **A7F0DC**.

# Distribution



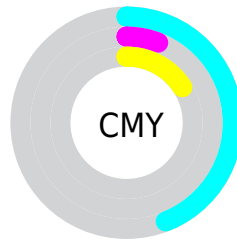
- Red (56%)
- Green (94%)
- Blue (84%)



- Red (56%)
- Yellow (78%)
- Blue (94%)



- Cyan (40%)
- Magenta (0%)
- Yellow (11%)
- Black (6%)



- Cyan (44%)
- Magenta (6%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8FF0D6 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 8FF0D6 by changing the saturation by 10% instead.



 8FF0D6

 8FF0D6

FFFFFF

 73D3BA

 C8FFFF

 56B89F

 E6FFFF

 399C85

 14826C

 006854

 00503D

 003827

 002412

 000000

 8FF0D6

 8FF0D6

 77F0D0

 A7F0DC

 5FF0C9

 BFF0E3

 47F0C3

 D7F0E9

 2FF0BC

 EFF0F0

 17F0B6

 FFF0F6

 00F0B0

 FFF0FD

 FFF0FF

# Harmonies

## Analogous

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



B4ECB6



8FF0D6



78F0F8

# Triad

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



8FF0D6



DAD8FF



FFCFAA

# Complementary

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



8FF0D6



F08FA9

# 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.



FFC7C5



8FF0D6



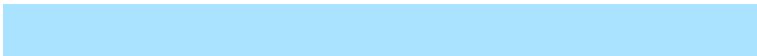
FFCDFF

# Square

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



8FF0D6



AAE3FF



FFC6E6



FCDA9C

# Rectangle

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



8FF0D6



7AE EFF



FFC6E6



FFCCB1



# Sweetspot

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



8FF0D6



E0FFF7



AAF08F



6E807B



000000



808080



# Same Dimension

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



8FF0D6



82FFDE



8FDBF0



6C7875



00B886



003829



# Inverse Universe

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



F08FA9



FF82A4



F0A48F



786C6F



B80031

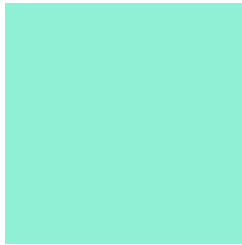


38000F



# Previews

## White Background



This preview shows how the Hex color 8FF0D6 looks on a white background.

## Color Contrast Check

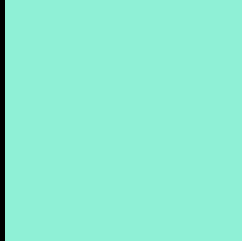
Large Text (above 18pt) WCAG AA × Fail

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 8FF0D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

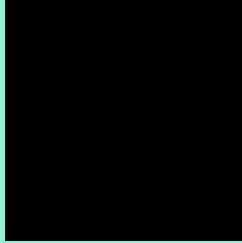
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8FF0D6 Background



This preview shows how black text looks on a background with the Hex color 8FF0D6.

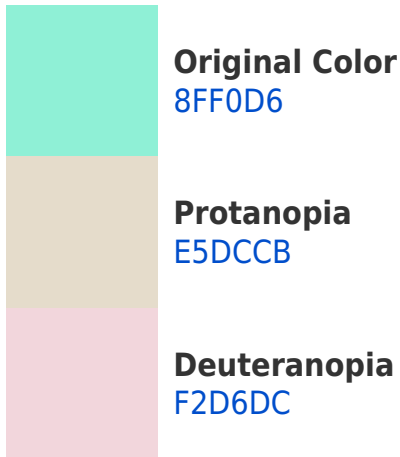


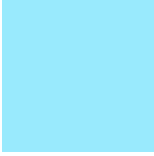
This preview shows how white text looks on a background with the Hex color 8FF0D6.

# 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



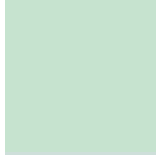


**Tritanopia**  
99EAFD

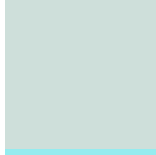
# Trichromacy



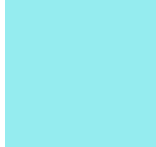
**Original Color**  
8FF0D6



**Protanomaly**  
C6E3CF



**Deuteranomaly**  
CEDFDA

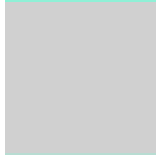


**Tritanomaly**  
95ECEF

# Monochromacy



**Original Color**  
8FF0D6



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
B8DCD2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8FF0D6 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 #8FF0D6 looks like.

```
.text, #text, p{  
    color:#8FF0D6  
}
```

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 #8FF0D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8FF0D6  
}
```

## Border

The CSS property to change the border of an element to Hex 8FF0D6 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  
#8FF0D6 }
```

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

```
.border{ border-color:#8FF0D6 }
```

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

Here you see how a box with a 4 pixel #8FF0D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8FF0D6; -webkit-box-shadow:4px 4px  
4px 4px #8FF0D6; box-shadow:4px 4px 4px  
4px #8FF0D6 }
```

# Background

The CSS property to change the background color of an element to Hex 8FF0D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8FF0D6 }
```

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

```
.background{ background-color:#8FF0D6 }
```

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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