

Converting Colors

Hex(80D0FF)

Have a look what the booklet for
Hex(80D0FF) contains.

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Color

Hex(80D0FF)

Conversions

Conversions Part 1

Format	Color
Hex	80D0FF
RGB	128, 208, 255
RGB Percent	50%, 82%, 100%
CMY	0.4980, 0.1843, 0.0000
CMYK	0.50, 0.18, 0.00, 0.00
HSL	202°, 100%, 75%
HSV	202°, 50%, 100%
XYZ	49.5080, 56.9209, 102.9852
YIQ	189.4380, -62.7670, -2.3430

Conversions

Conversions Part 2

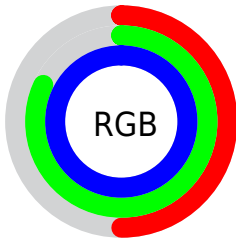
Format	Color
RYB	128, 177, 255
Decimal	8442111
CIELab	80.14, -12.08, -30.57
CIELCh	80, 32.870, 248.445
Yxy	56.9209, 0.2364, 0.2718
Android (android.graphics.Color)	4286632191 (0xFF80D0FF)
YUV	189.4380, 32.3221, -53.8811
Hunter-Lab	75.4460, -14.8980, -28.1198

Details

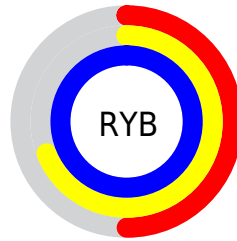
The Hex color **80D0FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFAF80**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **BBFFFF**, and **439AC6** is the 20% darker color. If you saturate the color by 10%, you get **67C7FF**, and if you desaturate by 10%, it is **9AD9FF**.

Distribution



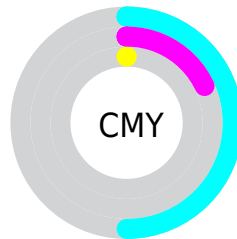
- Red (50%)
- Green (82%)
- Blue (100%)



- Red (50%)
- Yellow (69%)
- Blue (100%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D0FF 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 80D0FF by changing the saturation by 10% instead.

 80D0FF

 80D0FF

FFFFFF

 62B4E2

 BBFFFF

 439AC6

 D8FFFF

 1B80AB


 F6FFFF

 006790

 004F76

 00385D

 002345

 00052F

 00011A

 80D0FF

 80D0FF

 67C7FF

 9AD9FF

 4DBDFF

 B3E3FF

 33B4FF

 CDECFE

 1AAAFF

 E6F6FF

 00A1FF

 FFFFFFFF

Harmonies

Analogous

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



66D6EC



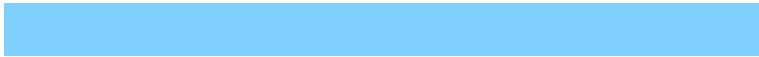
80D0FF



ACC7FF

Triad

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



80D0FF



FFB0BF



B2D096

Complementary

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



80D0FF



FFAF80

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.



D4C88A



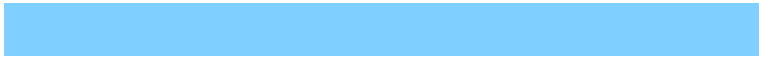
80D0FF



FFB4A2

Square

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



80D0FF



F5B3DE



F0BD8E



8ED6AF

Rectangle

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



80D0FF



C9BFFD



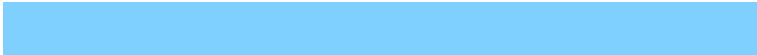
F0BD8E



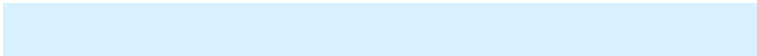
BECE90

Sweetspot

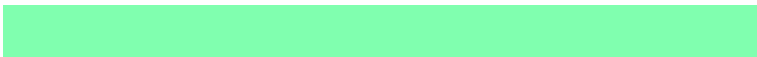
The Sweet Spot groups the original color and five complimentary colors.



80D0FF



D9F1FF



80FFAF



697780



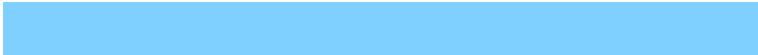
000000



808080

Same Dimension

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



80D0FF



66C6FF



8091FF



737B80



0078BF



002840

Inverse Universe

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



FF80D0



FF66C6



FFEE80



80737B



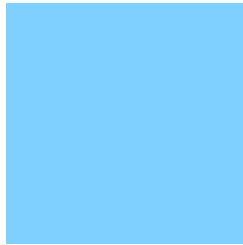
BF0078



400028

Previews

White Background



This preview shows how the Hex color 80D0FF looks on a white background.

Color Contrast Check

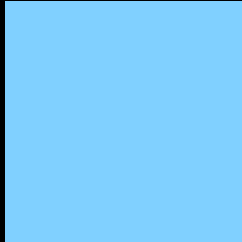
Large Text (above 18pt) WCAG AA × Fail

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 80D0FF 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

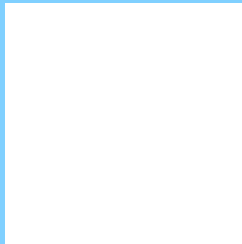
Any Text WCAG AAA ✓ Pass

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

Hex 80D0FF Background



This preview shows how black text looks on a background with the Hex color 80D0FF.



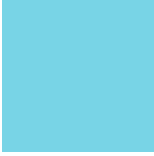
This preview shows how white text looks on a background with the Hex color 80D0FF.

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



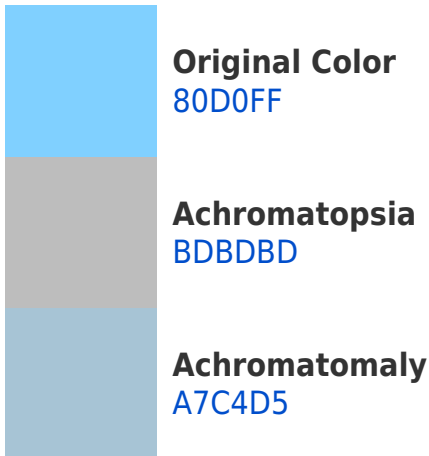


Tritanopia
78D4E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D0FF 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 #80D0FF looks like.

```
.text, #text, p{  
    color:#80D0FF  
}
```

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 #80D0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D0FF
}
```

Border

The CSS property to change the border of an element to Hex 80D0FF 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
#80D0FF }
```

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

```
.border{ border-color:#80D0FF }
```

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

Here you see how a box with a 4 pixel #80D0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D0FF; -webkit-box-shadow:4px 4px  
4px 4px #80D0FF; box-shadow:4px 4px 4px  
4px #80D0FF }
```

Background

The CSS property to change the background color of an element to Hex 80D0FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D0FF }
```

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

```
.background{ background-color:#80D0FF }
```

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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