

Converting Colors

Hex(7BD5FF)

Have a look what the booklet for
Hex(7BD5FF) contains.

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Color

Hex(7BD5FF)

Conversions

Conversions Part 1

Format	Color
Hex	7BD5FF
RGB	123, 213, 255
RGB Percent	48%, 84%, 100%
CMY	0.5176, 0.1647, 0.0000
CMYK	0.52, 0.16, 0.00, 0.00
HSL	199°, 100%, 74%
HSV	199°, 52%, 100%
XYZ	50.0126, 59.0195, 103.3637
YIQ	190.8780, -67.1220, -6.0180

Conversions

Conversions Part 2

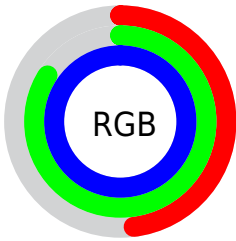
Format	Color
RYB	123, 177, 255
Decimal	8115711
CIELab	81.30, -15.75, -28.80
CIElCh	81, 32.822, 241.334
Yxy	59.0195, 0.2355, 0.2779
Android (android.graphics.Color)	4286305791 (0xFF7BD5FF)
YUV	190.8780, 31.6121, -59.5290
Hunter-Lab	76.8241, -18.2384, -25.9954

Details

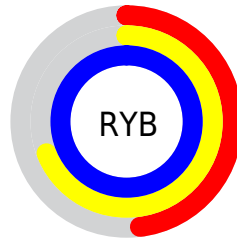
The Hex color **7BD5FF** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **FFA57B**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFFF**, and **3B9EC6** is the 20% darker color. If you saturate the color by 10%, you get **62CDFF**, and if you desaturate by 10%, it is **95DDFF**.

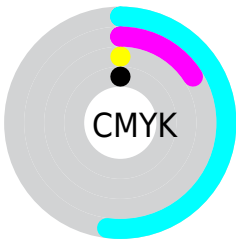
Distribution



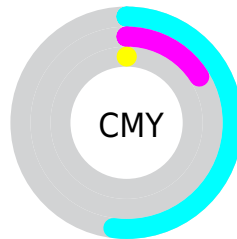
- Red (48%)
- Green (84%)
- Blue (100%)



- Red (48%)
- Yellow (69%)
- Blue (100%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD5FF 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 7BD5FF by changing the saturation by 10% instead.

 7BD5FF

 7BD5FF

FFFFFF

 5DB9E2

 B6FFFF

 3B9EC6

 D4FFFF

 0884AB

 F2FFFF

 006B90

 005376

 003C5D

 002646

 000C2F

 00011A

 7BD5FF

 7BD5FF

 62CDFF

 95DDFF

 48C5FF

 AEE5FF

 2FBDFE

 C8EDFF

 15B5FF

 E1F5FF

 00AEFF

 FBFEFF

FFFFFF

Harmonies

Analogous

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



69DAE9



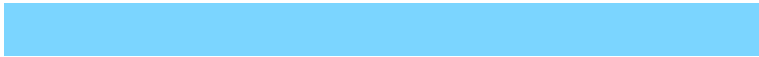
7BD5FF



A4CCFF

Triad

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



7BD5FF



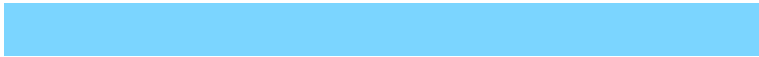
FFB3CA



BED295

Complementary

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



7BD5FF



FFA57B

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.



DEC88C



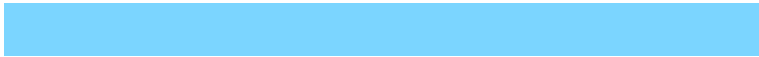
7BD5FF



FFB6AB

Square

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



7BD5FF



F2B8E8



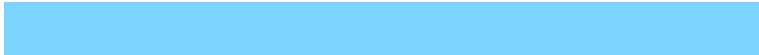
F8BE95



9AD8AC

Rectangle

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



7BD5FF



C2C5FF



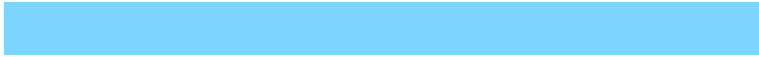
F8BE95



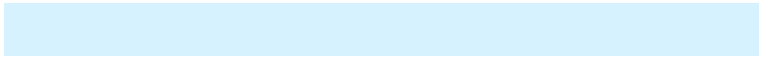
C9CF90

Sweetspot

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



7BD5FF



D6F2FF



7BFFA5



677880



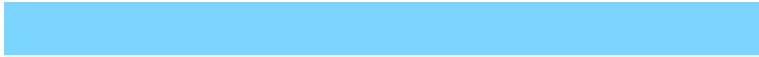
000000



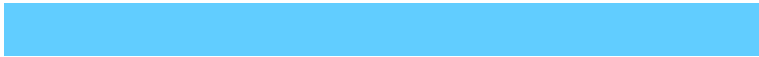
808080

Same Dimension

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



7BD5FF



61CDFF



7B93FF



737B80



0082BF



002B40

Inverse Universe

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



FF7BD5



FF61CD



FFE77B



80737B



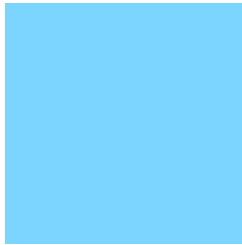
BF0082



40002B

Previews

White Background



This preview shows how the Hex color 7BD5FF looks on a white background.

Color Contrast Check

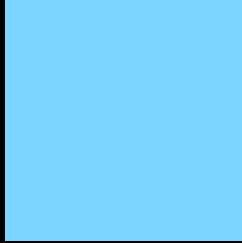
Large Text (above 18pt) WCAG AA × Fail

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 7BD5FF 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

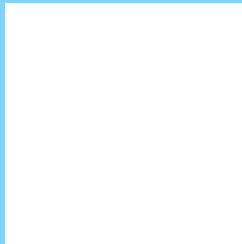
Any Text WCAG AAA ✓ Pass

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

Hex 7BD5FF Background



This preview shows how black text looks on a background with the Hex color 7BD5FF.

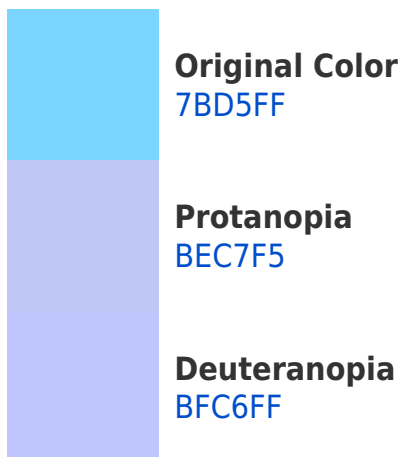


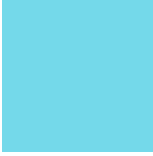
This preview shows how white text looks on a background with the Hex color 7BD5FF.

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



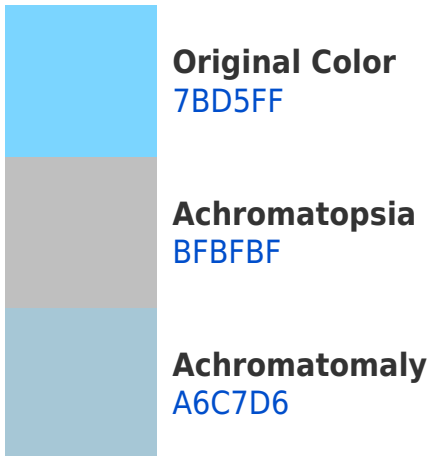


Tritanopia
74D9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD5FF 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 #7BD5FF looks like.

```
.text, #text, p{  
    color:#7BD5FF  
}
```

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 #7BD5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD5FF
}
```

Border

The CSS property to change the border of an element to Hex 7BD5FF 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
#7BD5FF }
```

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

```
.border{ border-color:#7BD5FF }
```

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

Here you see how a box with a 4 pixel #7BD5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD5FF; -webkit-box-shadow:4px 4px  
4px 4px #7BD5FF; box-shadow:4px 4px 4px  
4px #7BD5FF }
```

Background

The CSS property to change the background color of an element to Hex 7BD5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD5FF }
```

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

```
.background{ background-color:#7BD5FF }
```

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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