

Converting Colors

Hex(7BD2F6)

Have a look what the booklet for
Hex(7BD2F6) contains.

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Color

Hex(7BD2F6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7BD2F6 |
| RGB | 123, 210, 246 |
| RGB Percent | 48%, 82%, 96% |
| CMY | 0.5176, 0.1765, 0.0353 |
| CMYK | 0.50, 0.15, 0.00, 0.04 |
| HSL | 198°, 87%, 72% |
| HSV | 198°, 50%, 96% |
| XYZ | 47.8495, 56.9580, 95.6608 |
| YIQ | 188.0910, -63.4080, -7.2480 |

Conversions

Conversions Part 2

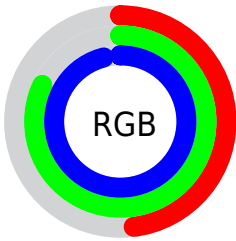
| Format | Color |
|-------------------------------------|---|
| RYB | 123, 174, 246 |
| Decimal | 8114934 |
| CIELab | 80.16, -16.71, -25.77 |
| CIElCh | 80, 30.710, 237.037 |
| Yxy | 56.9580, 0.2387, 0.2841 |
| Android (android.graphics.Color) | 4286305014 (0xFF7BD2F6) |
| YUV | 188.0910, 28.5491, -57.0848 |
| Hunter-Lab | 75.4705, -18.9015, -22.3223 |

Details

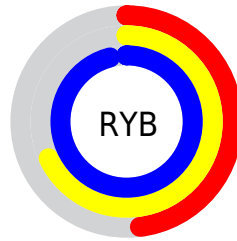
The Hex color **7BD2F6** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F69F7B**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **B6FFFF**, and **3D9BBE** is the 20% darker color. If you saturate the color by 10%, you get **62CBF6**, and if you desaturate by 10%, it is **94D9F6**.

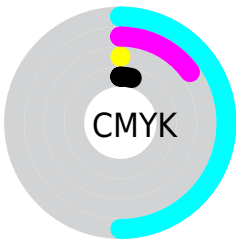
Distribution



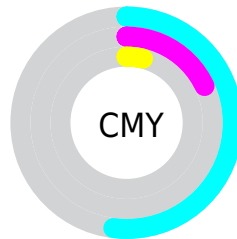
- Red (48%)
- Green (82%)
- Blue (96%)



- Red (48%)
- Yellow (68%)
- Blue (96%)



- Cyan (50%)
- Magenta (15%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (18%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD2F6 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 7BD2F6 by changing the saturation by 10% instead.

 7BD2F6

 7BD2F6

FFFFFF

 5DB6D9

 B6FFFF

 3D9BBE

 D3FFFF

 1281A2

 F1FFFF

 006888

 00506F

 003956

 00233F

 000429

 000113

 7BD2F6

 7BD2F6

 62CBF6

 94D9F6

 4AC4F6

 ACE0F6

 31BCF6

 C5E8F6

 19B5F6

 DDEFF6

 00AEF6

 F6F6F6

 FFFDF6

 FFFFF6

Harmonies

Analogous

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



6FD6E0



7BD2F6



9ECAFF

Triad

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



7BD2F6



FDB2CB



C0CD93

Complementary

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



7BD2F6



F69F7B

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.



DEC48E



7BD2F6



FFB3AE

Square

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



7BD2F6



E9B7E6



F5BA98



9FD3A7

Rectangle

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



7BD2F6



BAC4FD



F5BA98



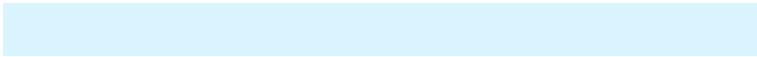
CBCA90

Sweetspot

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



7BD2F6



D9F4FF



7BF69E



697980



000000



808080

Same Dimension

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



7BD2F6



66D2FF



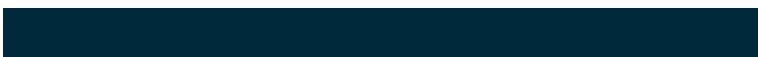
7B96F6



6E777A



0084BA



00293B

Inverse Universe

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



F67BD2



FF66D2



F6DB7B



7A6E77



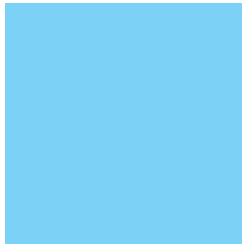
BA0084



3B0029

Previews

White Background



This preview shows how the Hex color 7BD2F6 looks on a white background.

Color Contrast Check

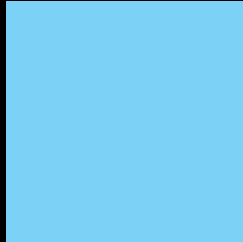
Large Text (above 18pt) WCAG AA × Fail

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 7BD2F6 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 7BD2F6 Background



This preview shows how black text looks on a background with the Hex color 7BD2F6.

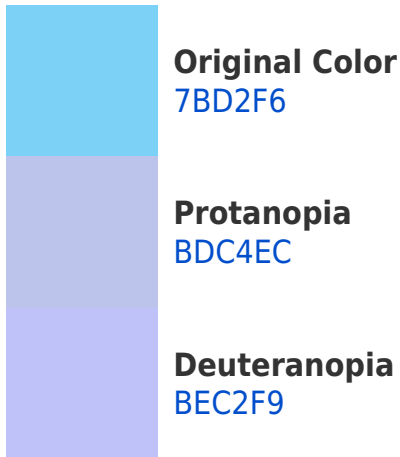


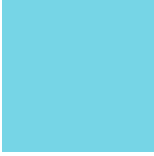
This preview shows how white text looks on a background with the Hex color 7BD2F6.

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



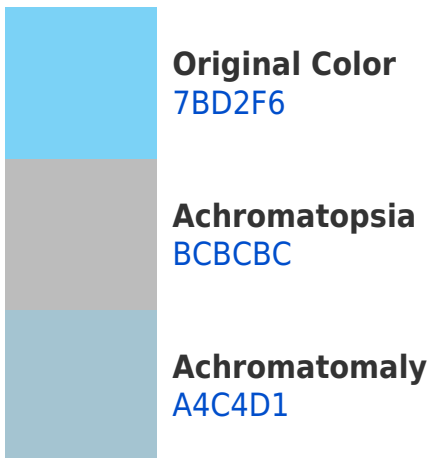


Tritanopia
76D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD2F6 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 #7BD2F6 looks like.

```
.text, #text, p{  
    color:#7BD2F6  
}
```

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 #7BD2F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD2F6
}
```

Border

The CSS property to change the border of an element to Hex 7BD2F6 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
#7BD2F6 }
```

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

```
.border{ border-color:#7BD2F6 }
```

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

Here you see how a box with a 4 pixel #7BD2F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD2F6; -webkit-box-shadow:4px 4px  
4px 4px #7BD2F6; box-shadow:4px 4px 4px  
4px #7BD2F6 }
```

Background

The CSS property to change the background color of an element to Hex 7BD2F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD2F6 }
```

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

```
.background{ background-color:#7BD2F6 }
```

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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