

Converting Colors

Hex(7BD8F5)

Have a look what the booklet for
Hex(7BD8F5) contains.

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Color

Hex(7BD8F5)

Conversions

Conversions Part 1

Format	Color
Hex	7BD8F5
RGB	123, 216, 245
RGB Percent	48%, 85%, 96%
CMY	0.5176, 0.1529, 0.0392
CMYK	0.50, 0.12, 0.00, 0.04
HSL	194°, 86%, 72%
HSV	194°, 50%, 96%
XYZ	49.2057, 59.9153, 95.3576
YIQ	191.4990, -64.7370, -10.6970

Conversions

Conversions Part 2

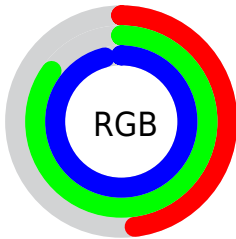
Format	Color
R _Y B	123, 176, 245
Decimal	8116469
CIE Lab	81.79, -20.04, -22.74
CIE LCh	82, 30.312, 228.616
Yxy	59.9153, 0.2406, 0.2930
Android (android.graphics.Color)	4286306549 (0xFF7BD8F5)
YUV	191.4990, 26.3760, -60.0736
Hunter-Lab	77.4049, -21.9877, -18.8578

Details

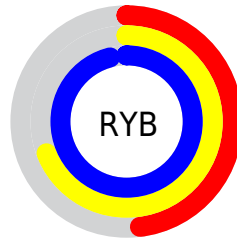
The Hex color **7BD8F5** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F5987B**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B6FFFF**, and **3DA1BD** is the 20% darker color. If you saturate the color by 10%, you get **62D2F5**, and if you desaturate by 10%, it is **93DEF5**.

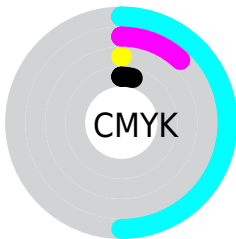
Distribution



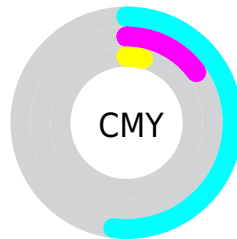
- Red (48%)
- Green (85%)
- Blue (96%)



- Red (48%)
- Yellow (69%)
- Blue (96%)



- Cyan (50%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (52%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BD8F5 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 7BD8F5 by changing the saturation by 10% instead.

 7BD8F5

 7BD8F5

FFFFFF

 5DBCD9

 B6FFFF

 3DA1BD

 D4FFFF

 1087A2

 F2FFFF

 006D87

 00556E

 003D55

 00273E

 000F28

 000113

 7BD8F5

 7BD8F5

 62D2F5

 93DEF5

 4ACCF5

 ACE4F5

 31C7F5

 C4E9F5

 19C1F5

 DDEF5

 00BBF5

 F6F5F5

 FFFBF5

 FFFFF5

Harmonies

Analogous

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



78DBDC



7BD8F5



99D1FF

Triad

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



7BD8F5



FDB8D7



CECF95

Complementary

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



7BD8F5



F5987B

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.



EAC694



7BD8F5



FFB7BA

Square

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



7BD8F5



E5BEF1



FEBDA2



ADD6A5

Rectangle

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



7BD8F5



B3CBFF



FEBDA2



D8CC93

Sweetspot

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



7BD8F5



D9F6FF



7BF597



697A80



000000



808080

Same Dimension

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



7BD8F5



66DBFF



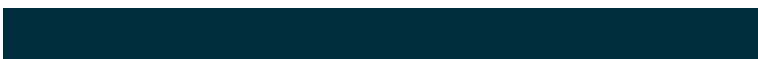
7B9CF5



6E777A



008EBA



002D3B

Inverse Universe

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



F57BD8



FF66DB



F5D47B



7A6E77



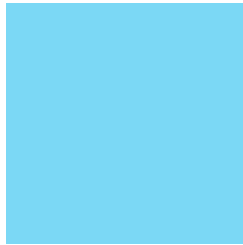
BA008E



3B002D

Previews

White Background



This preview shows how the Hex color 7BD8F5 looks on a white background.

Color Contrast Check

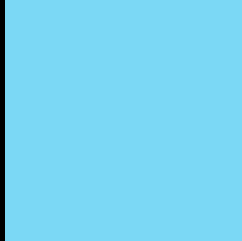
Large Text (above 18pt) WCAG AA × Fail

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 7BD8F5 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 7BD8F5 Background



This preview shows how black text looks on a background with the Hex color 7BD8F5.



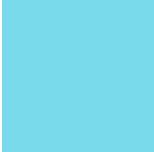
This preview shows how white text looks on a background with the Hex color 7BD8F5.

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](#).

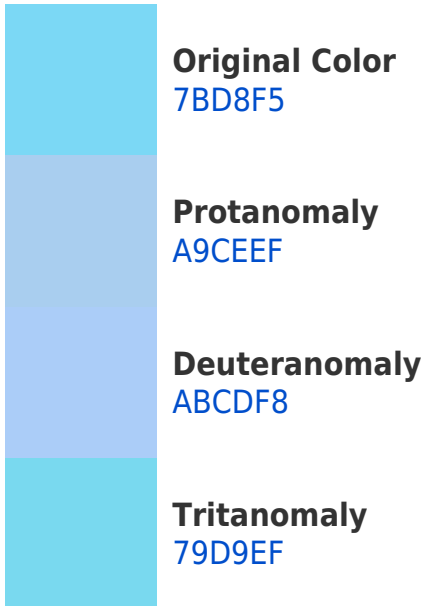
Dichromacy



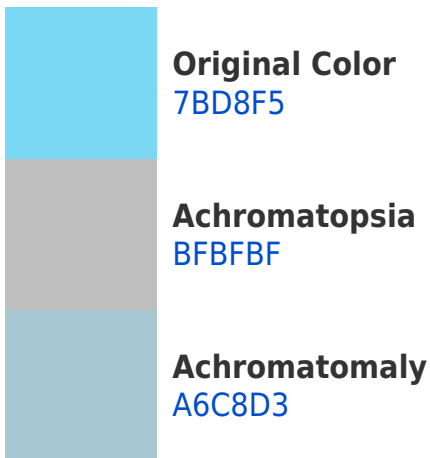


Tritanopia
78DAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BD8F5 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 #7BD8F5 looks like.

```
.text, #text, p{  
    color:#7BD8F5  
}
```

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 #7BD8F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BD8F5
}
```

Border

The CSS property to change the border of an element to Hex 7BD8F5 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
#7BD8F5 }
```

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

```
.border{ border-color:#7BD8F5 }
```

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

Here you see how a box with a 4 pixel #7BD8F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BD8F5; -webkit-box-shadow:4px 4px  
4px 4px #7BD8F5; box-shadow:4px 4px 4px  
4px #7BD8F5 }
```

Background

The CSS property to change the background color of an element to Hex 7BD8F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BD8F5 }
```

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

```
.background{ background-color:#7BD8F5 }
```

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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