

Converting Colors

Hex(7FBDD2)

Have a look what the booklet for
Hex(7FBDD2) contains.

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Color

Hex(7FBDD2)

Conversions

Conversions Part 1

Format	Color
Hex	7FBDD2
RGB	127, 189, 210
RGB Percent	50%, 74%, 82%
CMY	0.5020, 0.2588, 0.1765
CMYK	0.40, 0.10, 0.00, 0.18
HSL	195°, 48%, 66%
HSV	195°, 40%, 82%
XYZ	38.5829, 45.5604, 67.7333
YIQ	172.8560, -43.6930, -6.6130

Conversions

Conversions Part 2

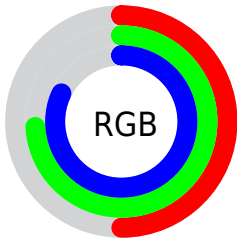
Format	Color
RYB	127, 162, 210
Decimal	8371666
CIELab	73.26, -14.52, -16.83
CIElCh	73, 22.233, 229.218
Yxy	45.5604, 0.2540, 0.3000
Android (android.graphics.Color)	4286561746 (0xFF7FBDD2)
YUV	172.8560, 18.3120, -40.2157
Hunter-Lab	67.4984, -16.0896, -12.2474

Details

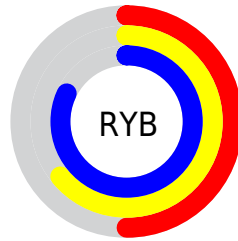
The Hex color **7FBDD2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D2947F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **B7F5FF**, and **48889C** is the 20% darker color. If you saturate the color by 10%, you get **6AB8D2**, and if you desaturate by 10%, it is **94C2D2**.

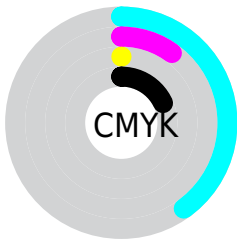
Distribution



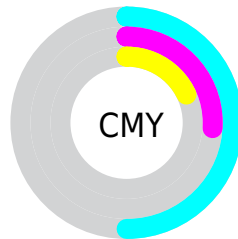
- Red (50%)
- Green (74%)
- Blue (82%)



- Red (50%)
- Yellow (64%)
- Blue (82%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (26%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7FBDD2 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 7FBDD2 by changing the saturation by 10% instead.

7FBDD2

7FBDD2

FFFFFF

64A2B6

B7F5FF

48889C

D3FFFF

2C6E81

F1FFFF

055668

003E50

002839

001524

00000D

000000

 7FBDD2

 7FBDD2

 6AB8D2

 94C2D2

 55B2D2

 A9C8D2

 40ADD2

 BECDD2

 2BA8D2

 D3D2D2

 16A2D2

 E8D8D2

 019DD2

 FDDDD2

 009DD2

 FFE2D2

 FFE8D2

 FFEDD2

Harmonies

Analogous

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



7CBFC1



7FBDD2



93B8DB

Triad

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



7FBDD2



D8A6BC



B6B78D

Complementary

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



7FBDD2



D2947F

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.



CAB08C



7FBDD2



DEA6A7

Square

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



7FBDD2



C7AACF



D9AA96



9EBC99

Rectangle

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



7FBDD2



A4B4DC



D9AA96



BDB58C

Sweetspot

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



7FBDD2



E0F7FF



7FD294



6E7B80



000000



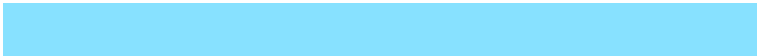
808080

Same Dimension

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



7FBDD2



87E1FF



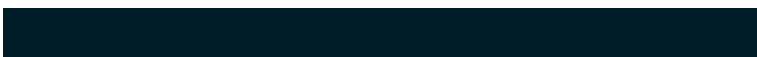
7F94D2



5E6669



007EA8



001E29

Inverse Universe

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



D27FBD



FF87E1



D2BD7F



695E66



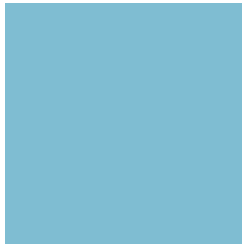
A8007E



29001E

Previews

White Background



This preview shows how the Hex color 7FBDD2 looks on a white background.

Color Contrast Check

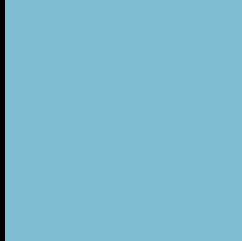
Large Text (above 18pt) WCAG AA × Fail

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 7FBDD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

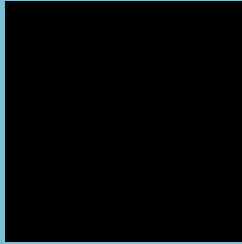
Any Text WCAG AA ✓ Pass

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 7FBDD2 Background



This preview shows how black text looks on a background with the Hex color 7FBDD2.

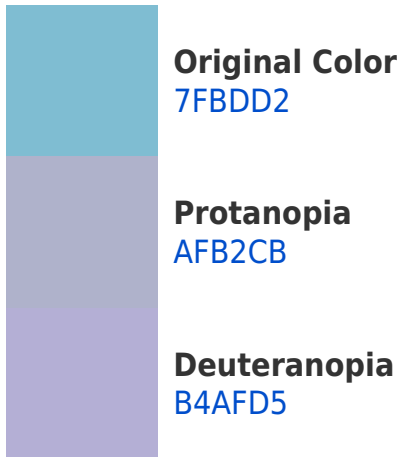


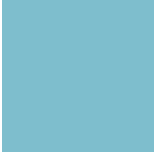
This preview shows how white text looks on a background with the Hex color 7FBDD2.

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

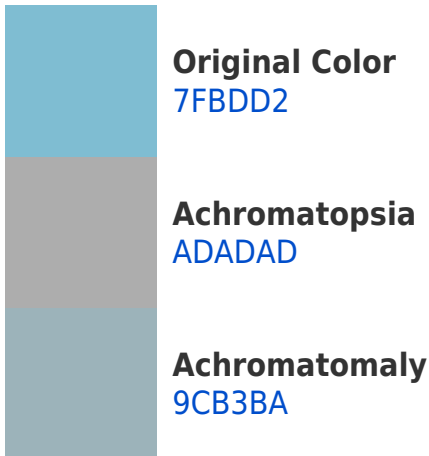




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7FBDD2 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 #7FBDD2 looks like.

```
.text, #text, p{  
    color:#7FBDD2  
}
```

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 #7FBDD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7FBDD2
}
```

Border

The CSS property to change the border of an element to Hex 7FBDD2 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
#7FBDD2 }
```

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

```
.border{ border-color:#7FBDD2 }
```

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

Here you see how a box with a 4 pixel #7FBDD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7FBDD2; -webkit-box-shadow:4px 4px  
4px 4px #7FBDD2; box-shadow:4px 4px 4px  
4px #7FBDD2 }
```

Background

The CSS property to change the background color of an element to Hex 7FBDD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7FBDD2 }
```

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

```
.background{ background-color:#7FBDD2 }
```

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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