

Converting Colors

Hex(7BCAF2)

Have a look what the booklet for
Hex(7BCAF2) contains.

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Color

Hex(7BCAF2)

Conversions

Conversions Part 1

Format	Color
Hex	7BCAF2
RGB	123, 202, 242
RGB Percent	48%, 79%, 95%
CMY	0.5176, 0.2078, 0.0510
CMYK	0.49, 0.17, 0.00, 0.05
HSL	200°, 82%, 72%
HSV	200°, 49%, 95%
XYZ	45.3159, 52.8628, 91.8195
YIQ	182.9390, -59.9240, -4.3080

Conversions

Conversions Part 2

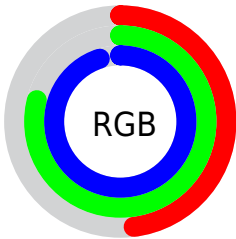
Format	Color
R _Y B	123, 170, 242
Decimal	8112882
CIE Lab	77.79, -13.68, -27.24
CIE LCh	78, 30.480, 243.340
Yxy	52.8628, 0.2385, 0.2782
Android (android.graphics.Color)	4286302962 (0xFF7BCAF2)
YUV	182.9390, 29.1171, -52.5665
Hunter-Lab	72.7068, -15.9834, -23.9810

Details

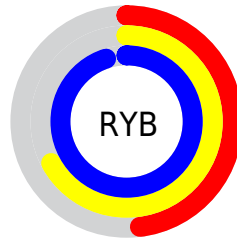
The Hex color **7BCAF2** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **F2A37B**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B5FFFF**, and **3F94BA** is the 20% darker color. If you saturate the color by 10%, you get **63C2F2**, and if you desaturate by 10%, it is **93D2F2**.

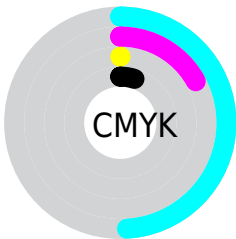
Distribution



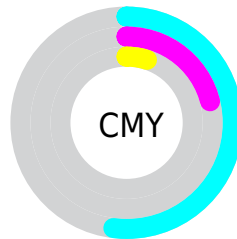
- Red (48%)
- Green (79%)
- Blue (95%)



- Red (48%)
- Yellow (67%)
- Blue (95%)



- Cyan (49%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (52%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BCAF2 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 7BCAF2 by changing the saturation by 10% instead.

 7BCAF2

 7BCAF2

FFFFFF

 5EAFD6

 B5FFFF

 3F94BA

 D3FFFF

 177A9F

 F0FFFF

 006184

 00496B

 003353

 001E3B

 000226

 00010E

 7BCAF2

 7BCAF2

 63C2F2

 93D2F2

 4BBAF2

 ABDAF2

 32B2F2

 C4E2F2

 1AA9F2

 DCEBF2

 02A1F2

 F4F3F2

 00A1F2

 FFFBF2

 FFFFF2

Harmonies

Analogous

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



69CFDE



7BCAF2



A1C2F8

Triad

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



7BCAF2



F7ABBE



B3C890

Complementary

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



7BCAF2



F2A37B

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.



D1BF88



7BCAF2



F8AEA3

Square

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



7BCAF2



E7AFDA



EAB68F



92CEA6

Rectangle

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



7BCAF2



BCBBF4



EAB68F



BDC58C

Sweetspot

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



7BCAF2



D9F2FF



7BF2A3



697880



000000



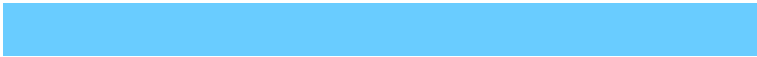
808080

Same Dimension

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



7BCAF2



69CCFF



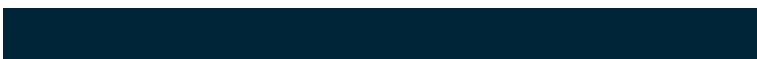
7B8FF2



6C7478



007AB8



002538

Inverse Universe

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



F27BCA



FF69CC



F2DE7B



786C74



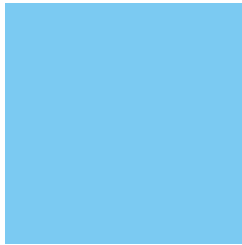
B8007A



380025

Previews

White Background



This preview shows how the Hex color 7BCAF2 looks on a white background.

Color Contrast Check

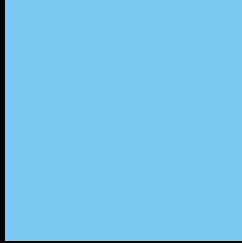
Large Text (above 18pt) WCAG AA × Fail

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 7BCAF2 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

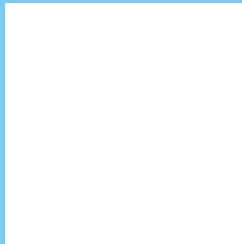
Any Text WCAG AAA ✓ Pass

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

Hex 7BCAF2 Background



This preview shows how black text looks on a background with the Hex color 7BCAF2.

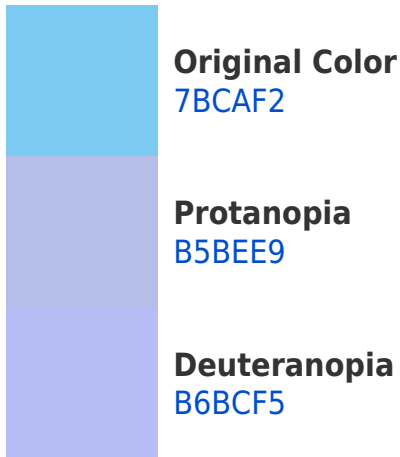


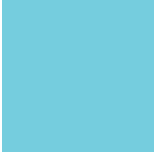
This preview shows how white text looks on a background with the Hex color 7BCAF2.

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](#).

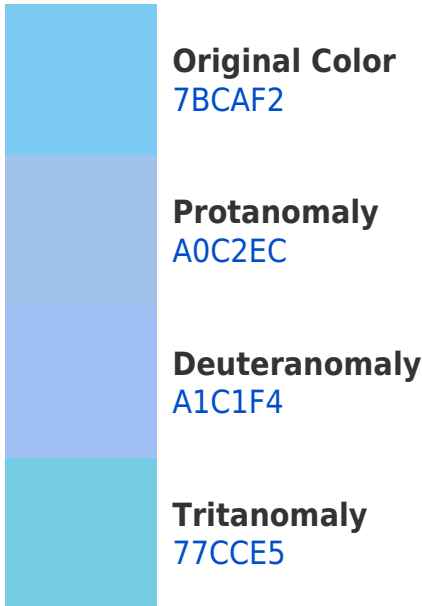
Dichromacy



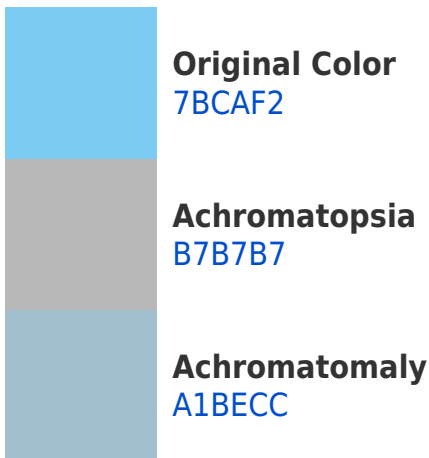


Tritanopia
75CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BCAF2 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 #7BCAF2 looks like.

```
.text, #text, p{  
    color:#7BCAF2  
}
```

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 #7BCAF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BCAF2
}
```

Border

The CSS property to change the border of an element to Hex 7BCAF2 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
#7BCAF2 }
```

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

```
.border{ border-color:#7BCAF2 }
```

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

Here you see how a box with a 4 pixel #7BCAF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BCAF2; -webkit-box-shadow:4px 4px  
4px 4px #7BCAF2; box-shadow:4px 4px 4px  
4px #7BCAF2 }
```

Background

The CSS property to change the background color of an element to Hex 7BCAF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BCAF2 }
```

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

```
.background{ background-color:#7BCAF2 }
```

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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