

Converting Colors

Hex(7BB2E2)

Have a look what the booklet for
Hex(7BB2E2) contains.

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Color

Hex(7BB2E2)

Conversions

Conversions Part 1

Format	Color
Hex	7BB2E2
RGB	123, 178, 226
RGB Percent	48%, 70%, 89%
CMY	0.5176, 0.3020, 0.1137
CMYK	0.46, 0.21, 0.00, 0.11
HSL	208°, 64%, 68%
HSV	208°, 46%, 89%
XYZ	37.8162, 41.5427, 77.9769
YIQ	167.0270, -48.1880, 3.2680

Conversions

Conversions Part 2

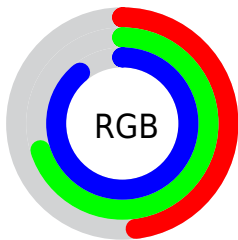
Format	Color
RYB	123, 159, 226
Decimal	8106722
CIELab	70.55, -5.33, -29.70
CIELCh	71, 30.179, 259.824
Yxy	41.5427, 0.2404, 0.2640
Android (android.graphics.Color)	4286296802 (0xFF7BB2E2)
YUV	167.0270, 29.0737, -38.6117
Hunter-Lab	64.4537, -8.0644, -26.6123

Details

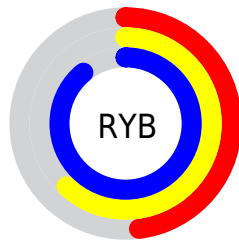
The Hex color **7BB2E2** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E2AB7B**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B4E AFF**, and **427EAA** is the 20% darker color. If you saturate the color by 10%, you get **64A7E2**, and if you desaturate by 10%, it is **92BDE2**.

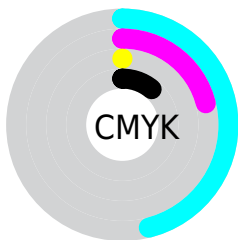
Distribution



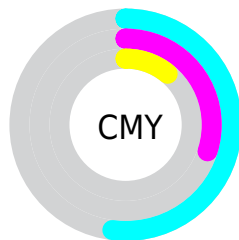
- Red (48%)
- Green (70%)
- Blue (89%)



- Red (48%)
- Yellow (62%)
- Blue (89%)



- Cyan (46%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (52%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BB2E2 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 7BB2E2 by changing the saturation by 10% instead.

 7BB2E2

 7BB2E2

FFFFFF

 5F97C6

 B4EAFF

 427EAA

 D0FFFF

 226590

 EEEFFF

 004D76

 00365D

 002145

 00072F

 000119

 000000

 7BB2E2

 7BB2E2

 64A7E2

 92BDE2

 4E9DE2

 A8C7E2

 3792E2

 BFD2E2

 2188E2

 D5DCE2

 0A7DE2

 ECE7E2

 0079E2

 FFF1E2

 FFFCE2

 FFFFE2

Harmonies

Analogous

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



5BB9D6



7BB2E2



A4A9E0

Triad

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



7BB2E2



E4999B



8EB788

Complementary

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



7BB2E2



E2AB7B

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.



ADB178



7BB2E2



DC9F84

Square

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



7BB2E2



DD99B7



C8A877



6EBBA2

Rectangle

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



7BB2E2



BCA2D7



C8A877



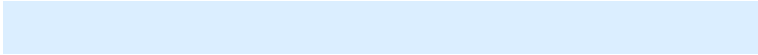
99B582

Sweetspot

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



7BB2E2



DBEFFF



7BE2A9



6A7580



000000



808080

Same Dimension

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



7BB2E2



73BEFF



7B80E2



656B70



005EB0



001A30

Inverse Universe

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



E27BB2



FF73BE



E2DD7B



70656B



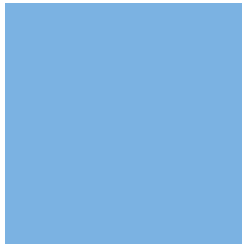
B0005E



30001A

Previews

White Background



This preview shows how the Hex color 7BB2E2 looks on a white background.

Color Contrast Check

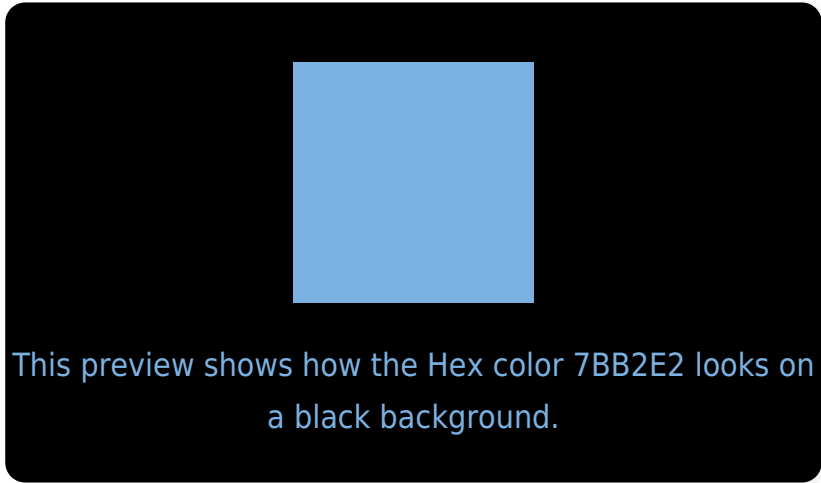
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 7BB2E2 Background



This preview shows how black text looks on a background with the Hex color 7BB2E2.

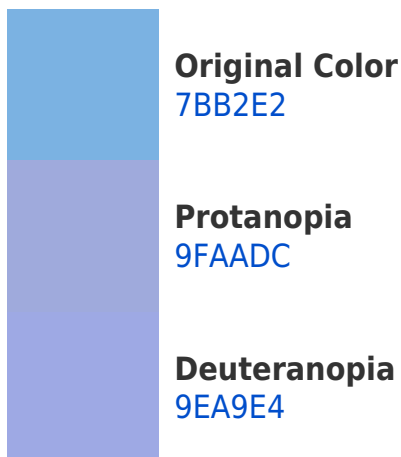


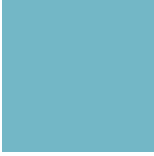
This preview shows how white text looks on a background with the Hex color 7BB2E2.

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](#).

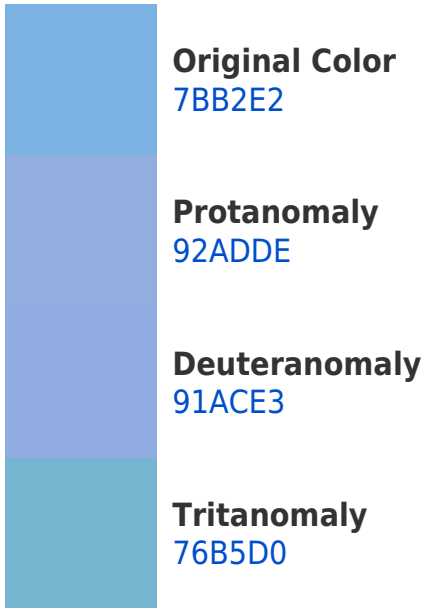
Dichromacy



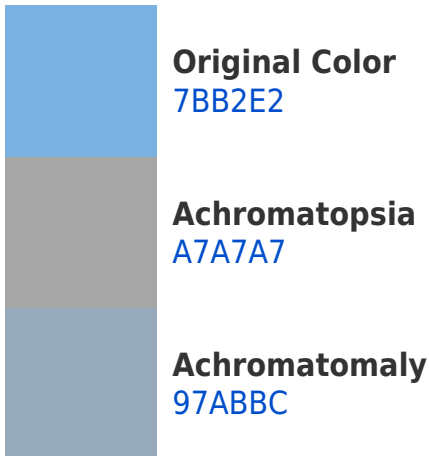


Tritanopia
73B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BB2E2 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 #7BB2E2 looks like.

```
.text, #text, p{  
    color:#7BB2E2  
}
```

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 #7BB2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BB2E2
}
```

Border

The CSS property to change the border of an element to Hex 7BB2E2 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
#7BB2E2 }
```

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

```
.border{ border-color:#7BB2E2 }
```

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

Here you see how a box with a 4 pixel #7BB2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BB2E2; -webkit-box-shadow:4px 4px  
4px 4px #7BB2E2; box-shadow:4px 4px 4px  
4px #7BB2E2 }
```

Background

The CSS property to change the background color of an element to Hex 7BB2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BB2E2 }
```

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

```
.background{ background-color:#7BB2E2 }
```

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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