

Converting Colors

Hex(7BBBE2)

Have a look what the booklet for
Hex(7BBBE2) contains.

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Color

Hex(7BBBE2)

Conversions

Conversions Part 1

Format	Color
Hex	7BBBE2
RGB	123, 187, 226
RGB Percent	48%, 73%, 89%
CMY	0.5176, 0.2667, 0.1137
CMYK	0.46, 0.17, 0.00, 0.11
HSL	203°, 64%, 68%
HSV	203°, 46%, 89%
XYZ	39.6662, 45.2426, 78.5936
YIQ	172.3100, -50.6630, -1.4390

Conversions

Conversions Part 2

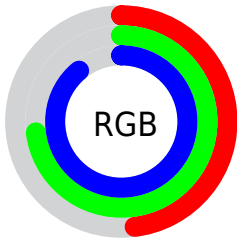
Format	Color
RYB	123, 162, 226
Decimal	8109026
CIELab	73.05, -10.19, -25.87
CIELCh	73, 27.806, 248.495
Yxy	45.2426, 0.2426, 0.2767
Android (android.graphics.Color)	4286299106 (0xFF7BBBE2)
YUV	172.3100, 26.4692, -43.2449
Hunter-Lab	67.2626, -12.4444, -22.1941

Details

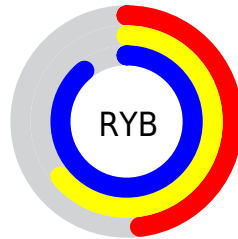
The Hex color **7BBBE2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2A27B**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B4F3FF**, and **4286AB** is the 20% darker color. If you saturate the color by 10%, you get **64B2E2**, and if you desaturate by 10%, it is **92C4E2**.

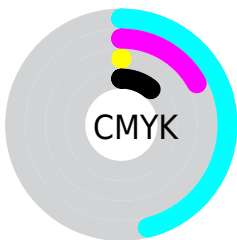
Distribution



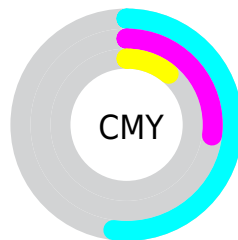
- Red (48%)
- Green (73%)
- Blue (89%)



- Red (48%)
- Yellow (64%)
- Blue (89%)



- Cyan (46%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (52%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BBBE2 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 7BBBE2 by changing the saturation by 10% instead.

7BBBE2

7BBBE2

FFFFFF

5FA0C6

B4F3FF

4286AB

D1FFFF

216D90

EEFFFF

005476

003D5D

002746

00142F

00011A

000000

 7BBBE2

 7BBBE2

 64B2E2

 92C4E2

 4EAAE2

 A8CCE2

 37A1E2

 BFD5E2

 2199E2

 D5DDE2

 0A90E2

 ECE6E2

 008CE2

 FFEEE2

 FFF7E2

 FFFFE2

Harmonies

Analogous

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



67C0D2



7BBBE2



9EB3E5

Triad

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



7BBE2



E6A1AD



A2BB8B

Complementary

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



7BBE2



E2A27B

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.



BEB481



7BBE2



E4A495

Square

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



7BBE2



DAA3C7



D6AB85



85C0A0

Rectangle

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



7BBBE2



B6ADE0



D6AB85



ACB986

Sweetspot

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



7BBBE2



DBF1FF



7BE2A1



6A7780



000000



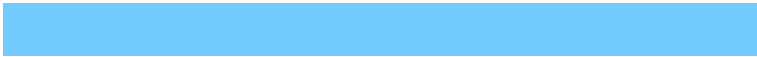
808080

Same Dimension

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



7BBBE2



73CAFF



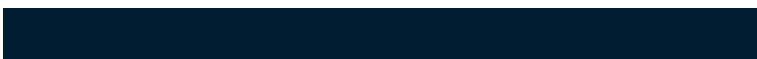
7B89E2



656C70



006DB0



001E30

Inverse Universe

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



E27BBB



FF73CA



E2D47B



70656C



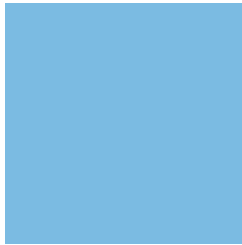
B0006D



30001E

Previews

White Background



This preview shows how the Hex color 7BBBE2 looks on a white background.

Color Contrast Check

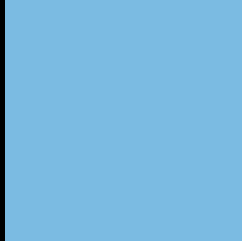
Large Text (above 18pt) WCAG AA × Fail

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 7BBBE2 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

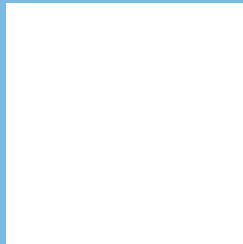
Any Text WCAG AAA ✓ Pass

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

Hex 7BBE2 Background



This preview shows how black text looks on a background with the Hex color 7BBE2.

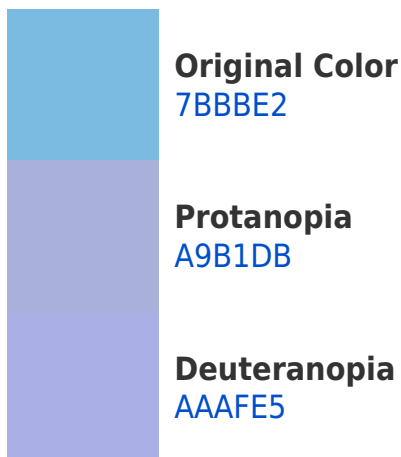


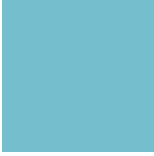
This preview shows how white text looks on a background with the Hex color 7BBE2.

Color Blindness Simulation

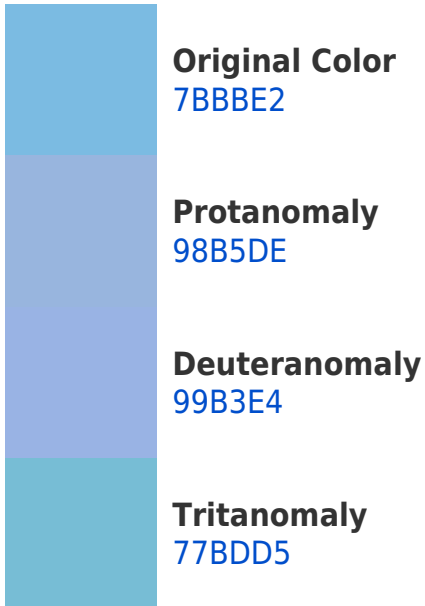
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

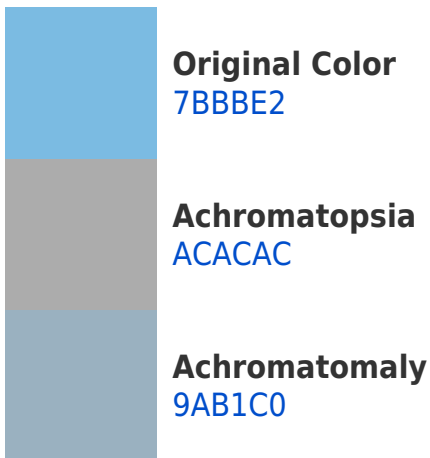




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BBBE2 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 #7BBBE2 looks like.

```
.text, #text, p{  
    color:#7BBBE2  
}
```

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 #7BBBE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BBBE2
}
```

Border

The CSS property to change the border of an element to Hex 7BBBE2 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
#7BBBE2 }
```

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

```
.border{ border-color:#7BBBE2 }
```

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

Here you see how a box with a 4 pixel #7BBBE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BBBE2; -webkit-box-shadow:4px 4px  
4px 4px #7BBBE2; box-shadow:4px 4px 4px  
4px #7BBBE2 }
```

Background

The CSS property to change the background color of an element to Hex 7BBE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BBE2 }
```

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

```
.background{ background-color:#7BBE2 }
```

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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