

Converting Colors

Hex(7BAAD1)

Have a look what the booklet for
Hex(7BAAD1) contains.

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Color

Hex(7BAAD1)

Conversions

Conversions Part 1

Format	Color
Hex	7BAAD1
RGB	123, 170, 209
RGB Percent	48%, 67%, 82%
CMY	0.5176, 0.3333, 0.1804
CMYK	0.41, 0.19, 0.00, 0.18
HSL	207°, 48%, 65%
HSV	207°, 41%, 82%
XYZ	34.0517, 37.5639, 65.7774
YIQ	160.3930, -40.5310, 2.1650

Conversions

Conversions Part 2

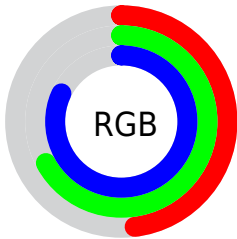
Format	Color
R _{YB}	123, 153, 209
Decimal	8104657
CIE Lab	67.70, -5.65, -24.76
CIE LCh	68, 25.401, 257.146
Yxy	37.5639, 0.2478, 0.2734
Android (android.graphics.Color)	4286294737 (0xFF7BAAD1)
YUV	160.3930, 23.9633, -32.7937
Hunter-Lab	61.2894, -8.0836, -20.7291

Details

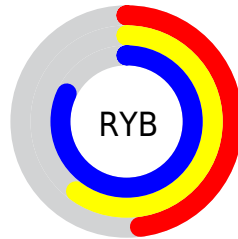
The Hex color **7BAAD1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D1A27B**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **B2E1FF**, and **45769A** is the 20% darker color. If you saturate the color by 10%, you get **66A1D1**, and if you desaturate by 10%, it is **90B3D1**.

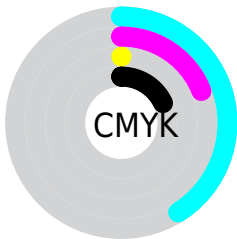
Distribution



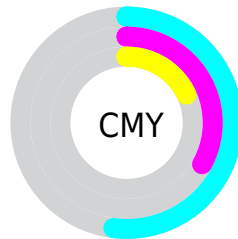
- Red (48%)
- Green (67%)
- Blue (82%)



- Red (48%)
- Yellow (60%)
- Blue (82%)



- Cyan (41%)
- Magenta (19%)
- Yellow (0%)
- Black (18%)



- Cyan (52%)
- Magenta (33%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BAAD1 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 7BAAD1 by changing the saturation by 10% instead.

 7BAAD1

 7BAAD1

FFFFFF

 6090B5

 B2E1FF

 45769A

 CFFEFF

 285D80

 ECFFFF

 004667

 00304F

 001B38

 000222

 000009

 000000

■ 7BAAD1

■ 7BAAD1

■ 66A1D1

■ 90B3D1

■ 5197D1

■ A5BDD1

■ 3C8ED1

■ BAC6D1

■ 2784D1

■ CFD0D1

■ 127BD1

■ E4D9D1

■ 0072D1

■ F8E3D1

■ FFECD1

■ FFF6D1

■ FFFF1

Harmonies

Analogous

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



64AFC6



7BAAD1



9BA2D0

Triad

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



7BAAD1



D49598



8EAE85

Complementary

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



7BAAD1



D1A27B

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.



A8A879



7BAAD1



CE9984

Square

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



7BAAD1



CC95B0



BFA079



75B19A

Rectangle

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



7BAAD1



AF9DC9



BFA079



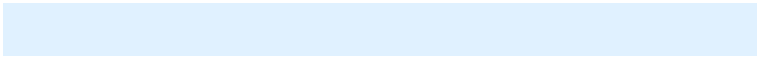
97AC80

Sweetspot

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



7BAAD1



E0F1FF



7BD1A2



6E7780



000000



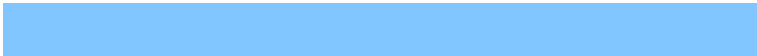
808080

Same Dimension

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



7BAAD1



82C6FF



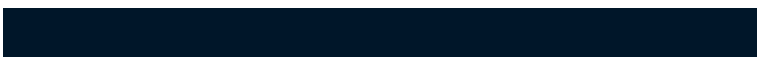
7B7FD1



5E6469



005CA8



001629

Inverse Universe

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



D17BAA



FF82C6



D1CD7B



695E64



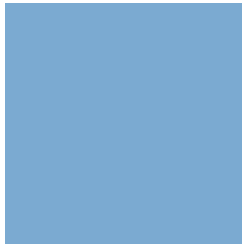
A8005C



290016

Previews

White Background



This preview shows how the Hex color 7BAAD1 looks on a white background.

Color Contrast Check

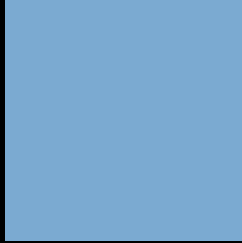
Large Text (above 18pt) WCAG AA × Fail

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 7BAAD1 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

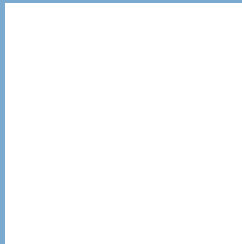
Any Text WCAG AAA ✓ Pass

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

Hex 7BAAD1 Background



This preview shows how black text looks on a background with the Hex color 7BAAD1.

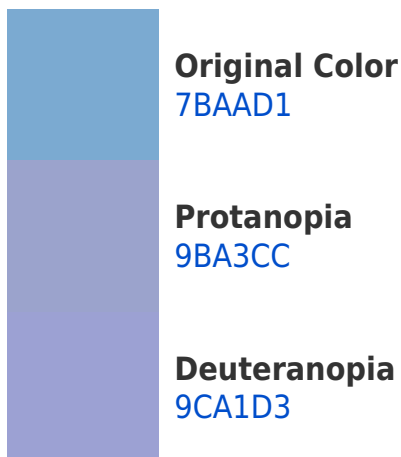


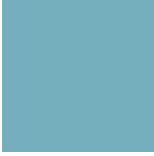
This preview shows how white text looks on a background with the Hex color 7BAAD1.

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](#).

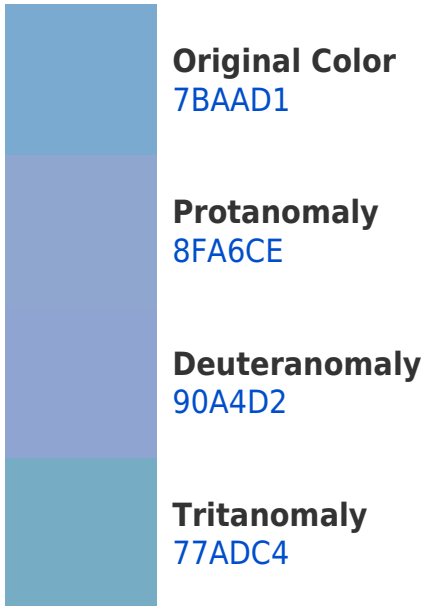
Dichromacy



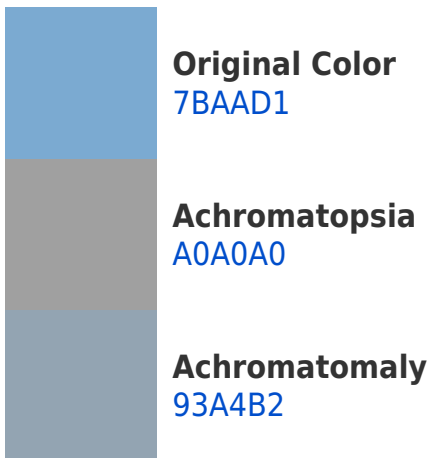


Tritanopia
75AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BAAD1 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 #7BAAD1 looks like.

```
.text, #text, p{  
    color:#7BAAD1  
}
```

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 #7BAAD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BAAD1
}
```

Border

The CSS property to change the border of an element to Hex 7BAAD1 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
#7BAAD1 }
```

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

```
.border{ border-color:#7BAAD1 }
```

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

Here you see how a box with a 4 pixel #7BAAD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BAAD1; -webkit-box-shadow:4px 4px  
4px 4px #7BAAD1; box-shadow:4px 4px 4px  
4px #7BAAD1 }
```

Background

The CSS property to change the background color of an element to Hex 7BAAD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BAAD1 }
```

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

```
.background{ background-color:#7BAAD1 }
```

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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