

Converting Colors

Hex(90B8D7)

Have a look what the booklet for
Hex(90B8D7) contains.

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Color

Hex(90B8D7)

Conversions

Conversions Part 1

Format	Color
Hex	90B8D7
RGB	144, 184, 215
RGB Percent	56%, 72%, 84%
CMY	0.4353, 0.2784, 0.1569
CMYK	0.33, 0.14, 0.00, 0.16
HSL	206°, 47%, 70%
HSV	206°, 33%, 84%
XYZ	40.9078, 45.1166, 70.8423
YIQ	175.5740, -33.7910, 1.1610

Conversions

Conversions Part 2

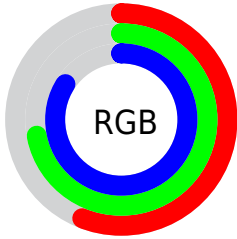
Format	Color
RYB	144, 170, 215
Decimal	9484503
CIELab	72.97, -5.98, -19.91
CIELCh	73, 20.787, 253.289
Yxy	45.1166, 0.2608, 0.2876
Android (android.graphics.Color)	4287674583 (0xFF90B8D7)
YUV	175.5740, 19.4370, -27.6904
Hunter-Lab	67.1689, -8.8337, -15.5143

Details

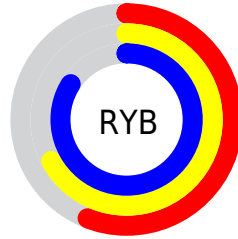
The Hex color **90B8D7** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D7AF90**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **C7F0FF**, and **5B83A0** is the 20% darker color. If you saturate the color by 10%, you get **7AAFD7**, and if you desaturate by 10%, it is **A6C1D7**.

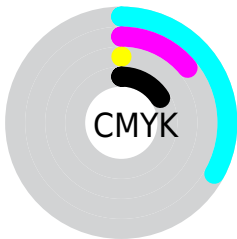
Distribution



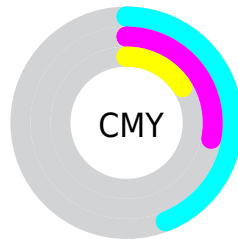
- Red (56%)
- Green (72%)
- Blue (84%)



- Red (56%)
- Yellow (67%)
- Blue (84%)



- Cyan (33%)
- Magenta (14%)
- Yellow (0%)
- Black (16%)



- Cyan (44%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B8D7 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 90B8D7 by changing the saturation by 10% instead.

■ 90B8D7

■ 90B8D7

FFFFFF

■ 759DBB

■ C7F0FF

■ 5B83A0

■ E4FFFF

■ 416A86

■ 27526D

■ 053B54

■ 00253D

■ 001027

■ 000111

■ 000000

■ 90B8D7

■ 90B8D7

■ 7AAF7D7

■ A6C1D7

■ 65A5D7

■ BBCBD7

■ 4F9CD7

■ D1D4D7

■ 3A92D7

■ E6DED7

■ 2589D7

■ FCE7D7

■ 0F80D7

■ FFF0D7

■ 0079D7

■ FFFAD7

■ FFFFD7

Harmonies

Analogous

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



81BCCC



90B8D7



A8B2D8

Triad

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



90B8D7



DBA6AB



A3BA97

Complementary

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



90B8D7



D7AF90

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.



B9B58E



90B8D7



D8A99A

Square

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



90B8D7



D3A7BF



CCA8E8



8FBDA8

Rectangle

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



90B8D7



B9AED3



CCA8E8



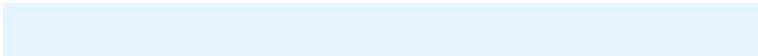
ABB893

Sweetspot

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



90B8D7



E6F4FF



90D7AF



707980



000000



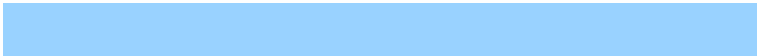
808080

Same Dimension

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



90B8D7



99D2FF



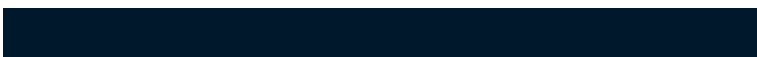
9095D7



60666B



0060AB



00182B

Inverse Universe

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



D790B8



FF99D2



D7D290



6B6066



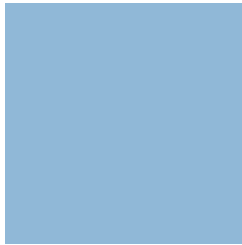
AB0060



2B0018

Previews

White Background



This preview shows how the Hex color 90B8D7 looks on a white background.

Color Contrast Check

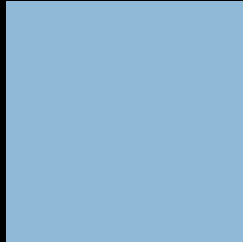
Large Text (above 18pt) WCAG AA × Fail

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 90B8D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

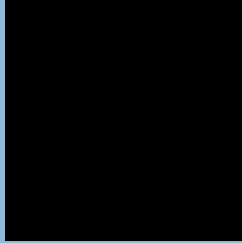
Any Text WCAG AA ✓ Pass

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 90B8D7 Background



This preview shows how black text looks on a background with the Hex color 90B8D7.

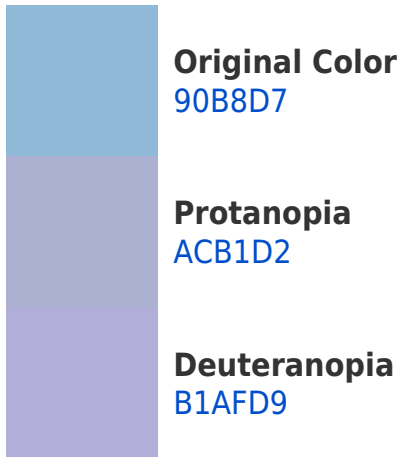


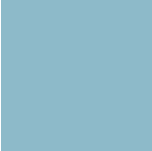
This preview shows how white text looks on a background with the Hex color 90B8D7.

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](#).

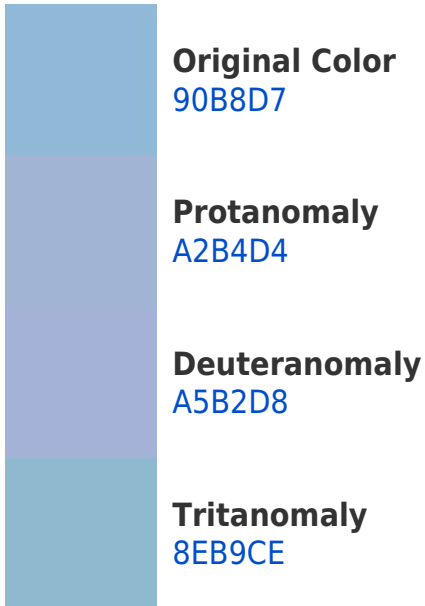
Dichromacy



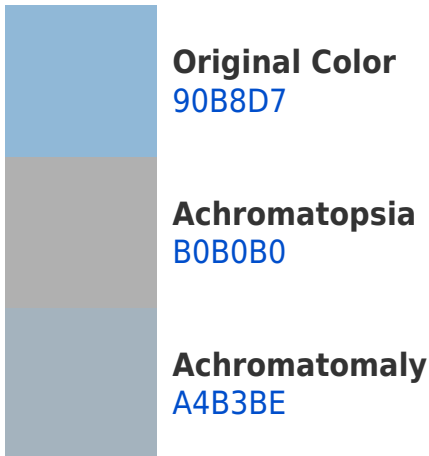


Tritanopia
8DBAC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 90B8D7 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 #90B8D7 looks like.

```
.text, #text, p{  
    color:#90B8D7  
}
```

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 #90B8D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B8D7
}
```

Border

The CSS property to change the border of an element to Hex 90B8D7 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
#90B8D7 }
```

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

```
.border{ border-color:#90B8D7 }
```

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

Here you see how a box with a 4 pixel #90B8D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B8D7; -webkit-box-shadow:4px 4px  
4px 4px #90B8D7; box-shadow:4px 4px 4px  
4px #90B8D7 }
```

Background

The CSS property to change the background color of an element to Hex 90B8D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B8D7 }
```

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

```
.background{ background-color:#90B8D7 }
```

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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