

# Converting Colors

Hex(8BA7D0)

Have a look what the booklet for  
Hex(8BA7D0) contains.

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# **Color**

**Hex(8BA7D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BA7D0
RGB	139, 167, 208
RGB Percent	55%, 65%, 82%
CMY	0.4549, 0.3451, 0.1843
CMYK	0.33, 0.20, 0.00, 0.18
HSL	216°, 42%, 68%
HSV	216°, 33%, 82%
XYZ	35.8513, 37.6805, 65.0580
YIQ	163.3020, -29.8490, 6.8150

# Conversions

## Conversions Part 2

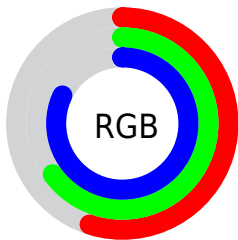
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	139, 159, 208
Decimal	9152464
CIE Lab	67.78, 0.12, -24.00
CIE LCh	68, 23.997, 270.298
Yxy	37.6805, 0.2587, 0.2719
Android (android.graphics.Color)	4287342544 (0xFF8BA7D0)
YUV	163.3020, 22.0361, -21.3129
Hunter-Lab	61.3844, -3.1705, -19.8691

# Details

The Hex color **8BA7D0** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D0B48B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **C2DEFF**, and **567399** is the 20% darker color. If you saturate the color by 10%, you get **769BD0**, and if you desaturate by 10%, it is **A0B3D0**.

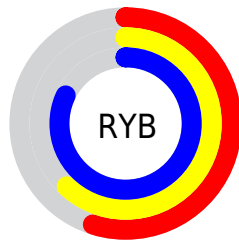
# Distribution



Red (55%)

Green (65%)

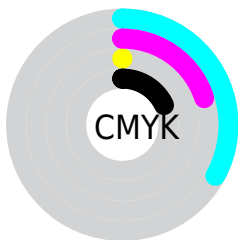
Blue (82%)



Red (55%)

Yellow (62%)

Blue (82%)

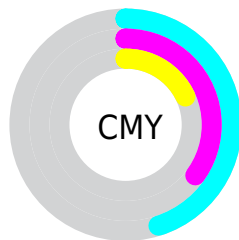


Cyan (33%)

Magenta (20%)

Yellow (0%)

Black (18%)



Cyan (45%)

Magenta (35%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BA7D0 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 8BA7D0 by changing the saturation by 10% instead.



8BA7D0

8BA7D0

FFFFFF

708DB4

C2DEFF

567399

DEFBFF

3D5B7F

FCFFFF

234366

022D4E

001937

000222

000007

000000

8BA7D0

8BA7D0

769BD0

A0B3D0

618ED0

B5C0D0

4D82D0

C9CCD0

3876D0

DED8D0

2369D0

F3E5D0

0E5DD0

FFF1D0

0054D0

FFFED0

FFFFD0

# Harmonies

## Analogous

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



71ADCA



8BA7D0



A9A0CA

# Triad

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



8BA7D0



D19790



85AF8F

# Complementary

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



8BA7D0



D0B48B

# 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.



9EAA7F



8BA7D0



C79D80

# Square

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



8BA7D0



CF96A6



B5A47A



6FB1A5

# Rectangle

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



8BA7D0



BA9BC1



B5A47A



8DAE89

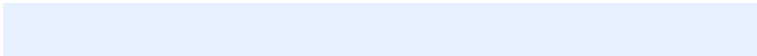


# Sweetspot

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



8BA7D0



E6F0FF



8BD0B3



707680



000000



808080



# Same Dimension

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



8BA7D0



99C2FF



918BD0



5E6269



0044A8



001129



# Inverse Universe

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



D08BA7



FF99C2



CAD08B



695E62



A80044

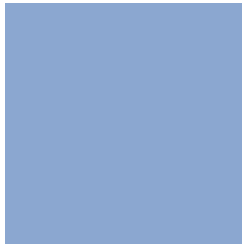


290011



# Previews

## White Background



This preview shows how the Hex color 8BA7D0 looks on a white background.

## Color Contrast Check

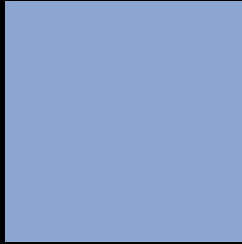
Large Text (above 18pt) WCAG AA × Fail

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 8BA7D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

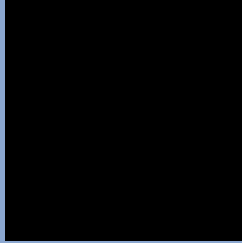
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BA7D0 Background



This preview shows how black text looks on a background with the Hex color 8BA7D0.

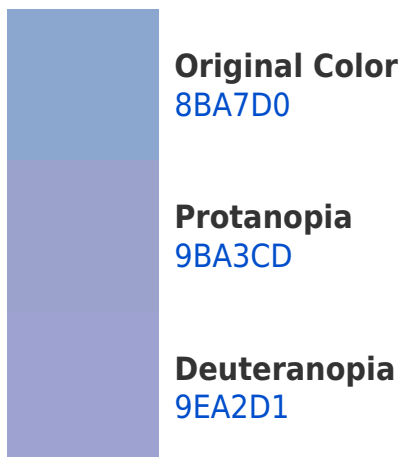


This preview shows how white text looks on a background with the Hex color 8BA7D0.

# 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](#).

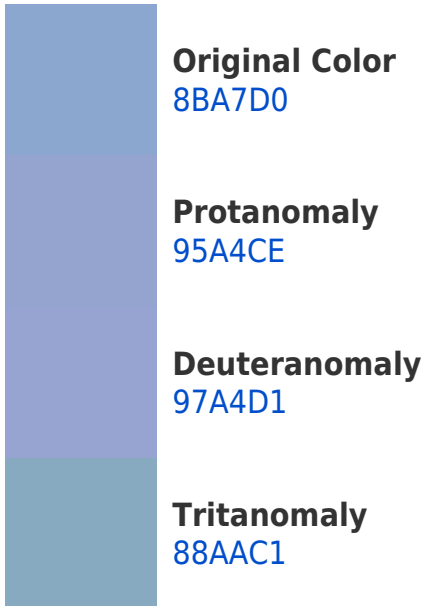
## Dichromacy



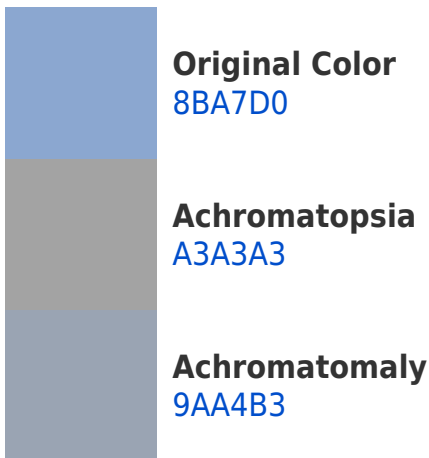


**Tritanopia**  
86ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BA7D0 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 #8BA7D0 looks like.

```
.text, #text, p{  
    color:#8BA7D0  
}
```

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 #8BA7D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BA7D0
}
```

## Border

The CSS property to change the border of an element to Hex 8BA7D0 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
#8BA7D0 }
```

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

```
.border{ border-color:#8BA7D0 }
```

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

Here you see how a box with a 4 pixel #8BA7D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BA7D0; -webkit-box-shadow:4px 4px  
4px 4px #8BA7D0; box-shadow:4px 4px 4px  
4px #8BA7D0 }
```

# Background

The CSS property to change the background color of an element to Hex 8BA7D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BA7D0 }
```

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

```
.background{ background-color:#8BA7D0 }
```

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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