

# Converting Colors

Hex(84A9D5)

Have a look what the booklet for  
Hex(84A9D5) contains.

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# **Color**

**Hex(84A9D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84A9D5
RGB	132, 169, 213
RGB Percent	52%, 66%, 84%
CMY	0.4824, 0.3373, 0.1647
CMYK	0.38, 0.21, 0.00, 0.16
HSL	213°, 49%, 68%
HSV	213°, 38%, 84%
XYZ	35.7139, 38.0856, 68.4197
YIQ	162.9530, -36.1760, 5.8400

# Conversions

## Conversions Part 2

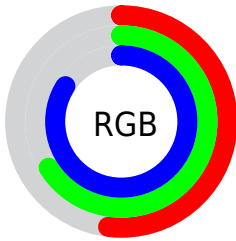
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	132, 157, 213
Decimal	8694229
CIE Lab	68.08, -1.63, -26.33
CIE LCh	68, 26.384, 266.465
Yxy	38.0856, 0.2511, 0.2678
Android (android.graphics.Color)	4286884309 (0xFF84A9D5)
YUV	162.9530, 24.6732, -27.1458
Hunter-Lab	61.7135, -4.6997, -22.5334

# Details

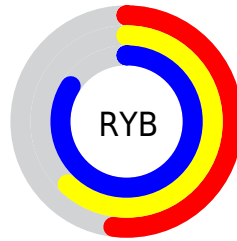
The Hex color **84A9D5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D5B084**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BBE0FF**, and **4F759E** is the 20% darker color. If you saturate the color by 10%, you get **6F9DD5**, and if you desaturate by 10%, it is **99B5D5**.

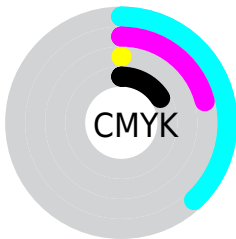
# Distribution



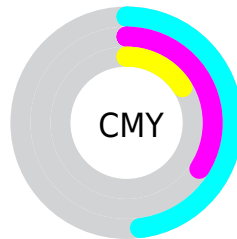
- Red (52%)
- Green (66%)
- Blue (84%)



- Red (52%)
- Yellow (62%)
- Blue (84%)



- Cyan (38%)
- Magenta (21%)
- Yellow (0%)
- Black (16%)



- Cyan (48%)
- Magenta (34%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84A9D5 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 84A9D5 by changing the saturation by 10% instead.



 84A9D5

 84A9D5

FFFFFF

 698FB9

 BBE0FF

 4F759E

 D8FDFF


 345D84

 F5FFFF

 15456B

 002F52

 001B3B

 000225

 00010E

 000000

 84A9D5

 84A9D5

 6F9DD5

 99B5D5

 5992D5

 AFC0D5

 4486D5

 C4CCD5

 2F7BD5

 D9D7D5

 1A6FD5

 EFE3D5

 0464D5

 FFEED5

 0061D5

 FFFAD5

 FFFF5D5

# Harmonies

## Analogous

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



67AFCD



84A9D5



A6A1D0

# Triad

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



84A9D5



D69692



85B08B

# Complementary

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



84A9D5



D5B084

# 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.



A1AB7B



84A9D5



CD9C7F

# Square

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



84A9D5



D395AA



BAA377



6CB3A2

# Rectangle

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



84A9D5



BA9BC7



BAA377



8FAF85

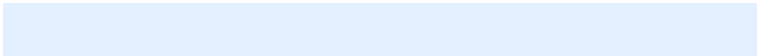


# Sweetspot

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



84A9D5



E3F0FF



84D5AF



6F7680



000000



808080

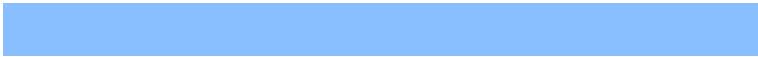


# Same Dimension

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



84A9D5



8ABFFF



8784D5



60656B



004EAB



00142B



# Inverse Universe

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



D584A9



FF8ABF



D2D584



6B6065



AB004E

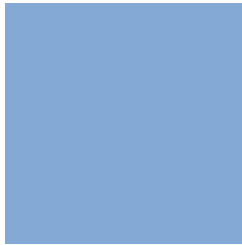


2B0014



# Previews

## White Background



This preview shows how the Hex color 84A9D5 looks on a white background.

## Color Contrast Check

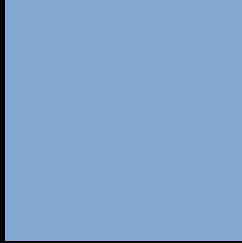
Large Text (above 18pt) WCAG AA × Fail

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 84A9D5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

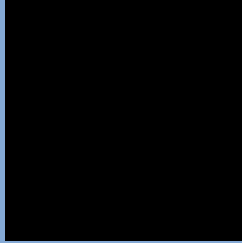
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

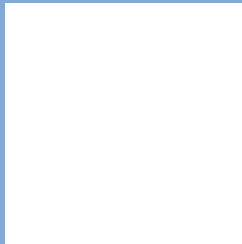
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84A9D5 Background



This preview shows how black text looks on a background with the Hex color 84A9D5.

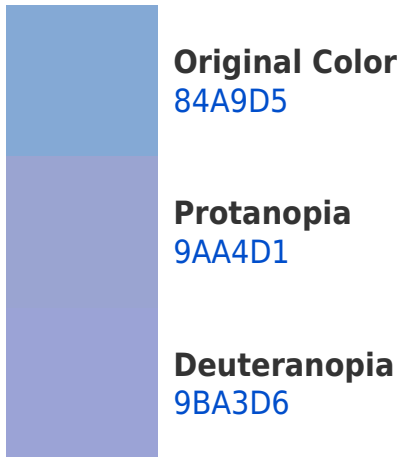


This preview shows how white text looks on a background with the Hex color 84A9D5.

# Color Blindness Simulation

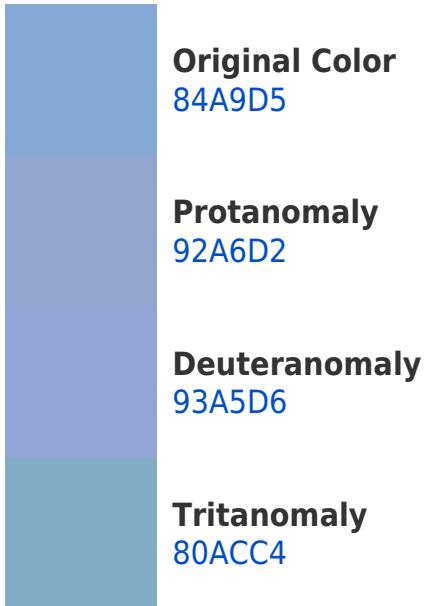
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

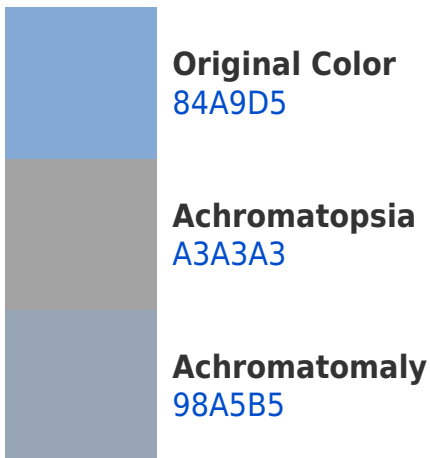




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84A9D5 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 #84A9D5 looks like.

```
.text, #text, p{  
    color:#84A9D5  
}
```

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 #84A9D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A9D5
}
```

## Border

The CSS property to change the border of an element to Hex 84A9D5 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
#84A9D5 }
```

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

```
.border{ border-color:#84A9D5 }
```

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

Here you see how a box with a 4 pixel #84A9D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A9D5; -webkit-box-shadow:4px 4px  
4px 4px #84A9D5; box-shadow:4px 4px 4px  
4px #84A9D5 }
```

# Background

The CSS property to change the background color of an element to Hex 84A9D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A9D5 }
```

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

```
.background{ background-color:#84A9D5 }
```

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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