

Converting Colors

Hex(84A5D4)

Have a look what the booklet for
Hex(84A5D4) contains.

Hex(84A5D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(84A5D4)

Conversions

Conversions Part 1

Format	Color
Hex	84A5D4
RGB	132, 165, 212
RGB Percent	52%, 65%, 83%
CMY	0.4824, 0.3529, 0.1686
CMYK	0.38, 0.22, 0.00, 0.17
HSL	215°, 48%, 67%
HSV	215°, 38%, 83%
XYZ	34.8545, 36.5693, 67.5089
YIQ	160.4910, -34.7550, 7.6210

Conversions

Conversions Part 2

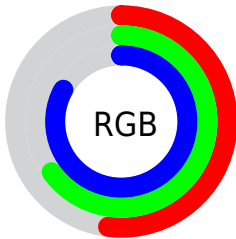
Format	Color
RYB	132, 155, 212
Decimal	8693204
CIELab	66.95, 0.33, -27.52
CIElCh	67, 27.522, 270.688
Yxy	36.5693, 0.2509, 0.2632
Android (android.graphics.Color)	4286883284 (0xFF84A5D4)
YUV	160.4910, 25.3939, -24.9866
Hunter-Lab	60.4725, -2.9450, -23.8580

Details

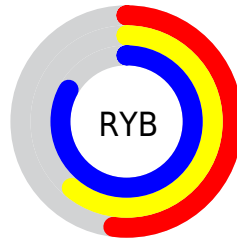
The Hex color **84A5D4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D4B384**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BBDCFF**, and **4F719D** is the 20% darker color. If you saturate the color by 10%, you get **6F99D4**, and if you desaturate by 10%, it is **99B1D4**.

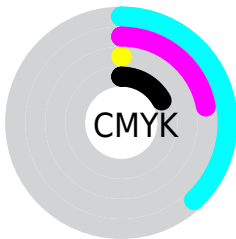
Distribution



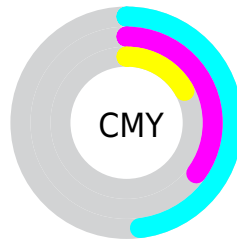
- Red (52%)
- Green (65%)
- Blue (83%)



- Red (52%)
- Yellow (61%)
- Blue (83%)



- Cyan (38%)
- Magenta (22%)
- Yellow (0%)
- Black (17%)



- Cyan (48%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84A5D4 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 84A5D4 by changing the saturation by 10% instead.

■ 84A5D4

■ 84A5D4

FFFFFF

■ 698BB8

■ BBDCFF

■ 4F719D

■ D8F8FF

■ 345983

■ F5FFFF

■ 16426A

■ 002C51

■ 00183A

■ 000224

■ 00000C

■ 000000

 84A5D4

 84A5D4

 6F99D4

 99B1D4

 5A8CD4

 AEBED4

 4480D4

 C4CAD4

 2F73D4

 D9D7D4

 1A67D4

 EEE3D4

 055AD4

 FFF0D4

 0057D4

 FFFCD4

 FFFF4

Harmonies

Analogous

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



63ACCD



84A5D4



A79CCD

Triad

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



84A5D4



D4938B



7DAE8A

Complementary

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



84A5D4



D4B384

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.



9AA978



84A5D4



C99979

Square

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



84A5D4



D291A3



B4A171



63B1A3

Rectangle

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



84A5D4



BB97C3



B4A171



86AD83

Sweetspot

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



84A5D4



E3EFFF



84D4B3



6F7680



000000



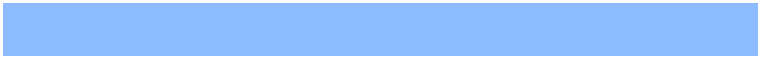
808080

Same Dimension

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



84A5D4



8CBCFF



8B84D4



60656B



0046AB



00122B

Inverse Universe

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



D484A5



FF8CBC



CDD484



6B6065



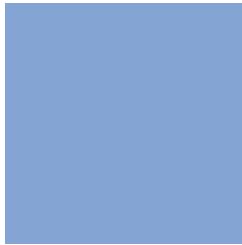
AB0046



2B0012

Previews

White Background



This preview shows how the Hex color 84A5D4 looks on a white background.

Color Contrast Check

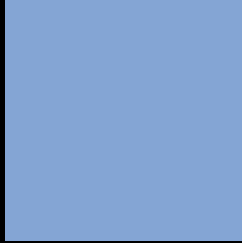
Large Text (above 18pt) WCAG AA × Fail

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 84A5D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

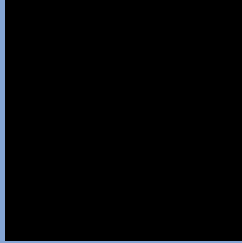
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

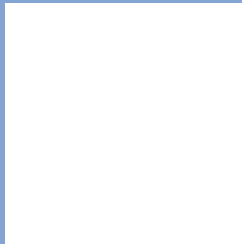
Any Text WCAG AAA ✓ Pass

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

Hex 84A5D4 Background



This preview shows how black text looks on a background with the Hex color 84A5D4.

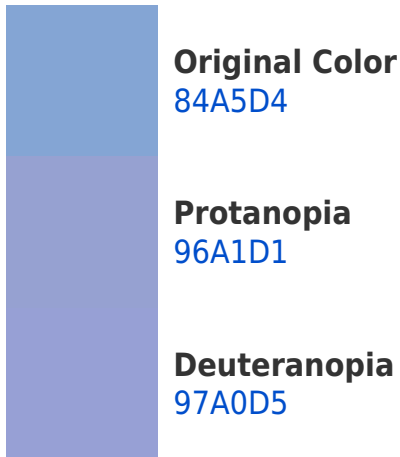


This preview shows how white text looks on a background with the Hex color 84A5D4.

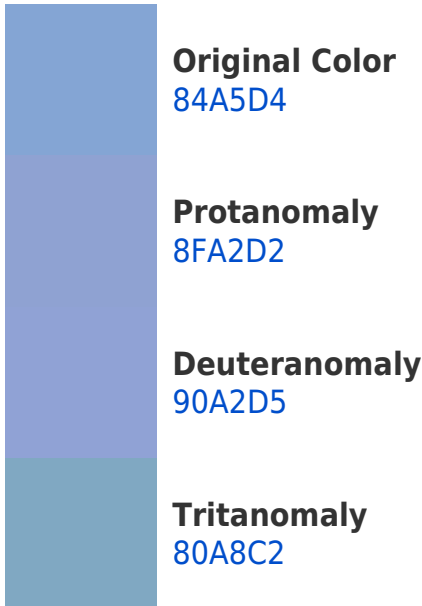
Color Blindness Simulation

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](#).

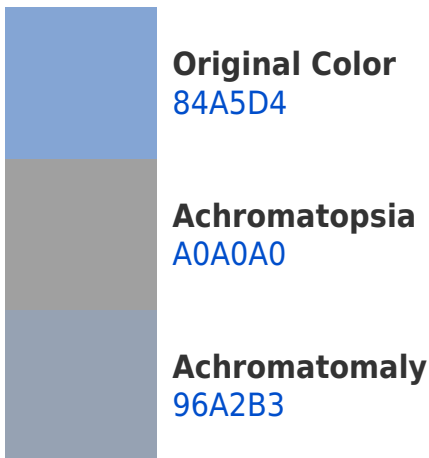
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84A5D4 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 #84A5D4 looks like.

```
.text, #text, p{  
    color:#84A5D4  
}
```

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 #84A5D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84A5D4
}
```

Border

The CSS property to change the border of an element to Hex 84A5D4 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
#84A5D4 }
```

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

```
.border{ border-color:#84A5D4 }
```

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

Here you see how a box with a 4 pixel #84A5D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84A5D4; -webkit-box-shadow:4px 4px  
4px 4px #84A5D4; box-shadow:4px 4px 4px  
4px #84A5D4 }
```

Background

The CSS property to change the background color of an element to Hex 84A5D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84A5D4 }
```

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

```
.background{ background-color:#84A5D4 }
```

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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