

Converting Colors

Hex(85A8D5)

Have a look what the booklet for
Hex(85A8D5) contains.

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Color

Hex(85A8D5)

Conversions

Conversions Part 1

Format	Color
Hex	85A8D5
RGB	133, 168, 213
RGB Percent	52%, 66%, 84%
CMY	0.4784, 0.3412, 0.1647
CMYK	0.38, 0.21, 0.00, 0.16
HSL	214°, 49%, 68%
HSV	214°, 38%, 84%
XYZ	35.6857, 37.7959, 68.3653
YIQ	162.6650, -35.3050, 6.5750

Conversions

Conversions Part 2

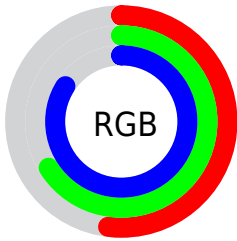
Format	Color
RYB	133, 157, 213
Decimal	8759509
CIELab	67.87, -0.80, -26.66
CIELCh	68, 26.668, 268.280
Yxy	37.7959, 0.2516, 0.2665
Android (android.graphics.Color)	4286949589 (0xFF85A8D5)
YUV	162.6650, 24.8152, -26.0162
Hunter-Lab	61.4784, -3.9750, -22.8969

Details

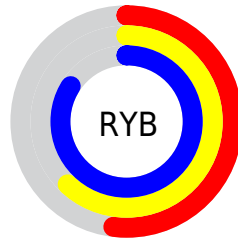
The Hex color **85A8D5** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **D5B285**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **BCDFFF**, and **50749E** is the 20% darker color. If you saturate the color by 10%, you get **709CD5**, and if you desaturate by 10%, it is **9AB4D5**.

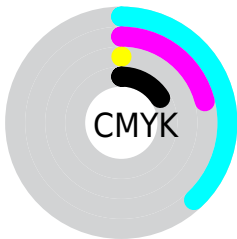
Distribution



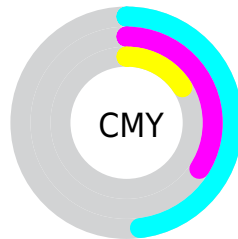
- Red (52%)
- Green (66%)
- Blue (84%)



- 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 85A8D5 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 85A8D5 by changing the saturation by 10% instead.

 85A8D5

 85A8D5

FFFFFF

 6A8EB9

 BCDFFF

 50749E

 D9FCFF

 355C84

 F6FFFF

 17446B

 002E52

 001A3B

 000225

 00010E

 000000

 85A8D5

 85A8D5

 709CD5

 9AB4D5

 5A90D5

 B0C0D5

 4584D5

 C5CCD5

 3078D5

 DAD8D5

 1B6CD5

 F0E4D5

 0560D5

 FFF0D5

 005DD5

 FFFCD5

 FFFF5D5

Harmonies

Analogous

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



67AFCE



85A8D5



A7A0D0

Triad

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



85A8D5



D69590



83B08B

Complementary

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



85A8D5



D5B285

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.



9FAB7B



85A8D5



CC9B7D

Square

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



85A8D5



D394A8



B8A375



69B3A3

Rectangle

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



85A8D5



BB9AC6



B8A375



8CAF85

Sweetspot

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



85A8D5



E3EFFF



85D5B1



6F7680



000000



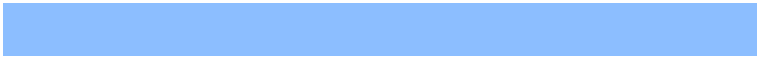
808080

Same Dimension

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



85A8D5



8CBEFF



8985D5



60656B



004BAB



00132B

Inverse Universe

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



D585A8



FF8CBE



D1D585



6B6065



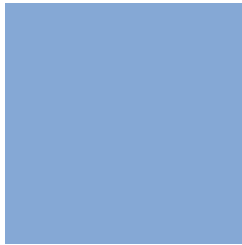
AB004B



2B0013

Previews

White Background



This preview shows how the Hex color 85A8D5 looks on a white background.

Color Contrast Check

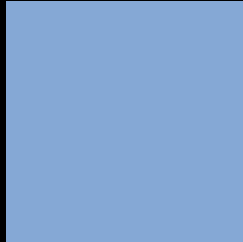
Large Text (above 18pt) WCAG AA × Fail

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 85A8D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

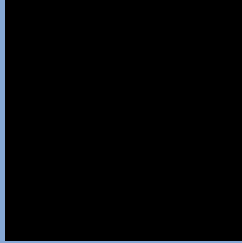
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

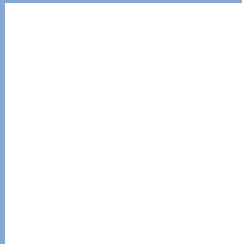
Any Text WCAG AAA ✓ Pass

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

Hex 85A8D5 Background



This preview shows how black text looks on a background with the Hex color 85A8D5.

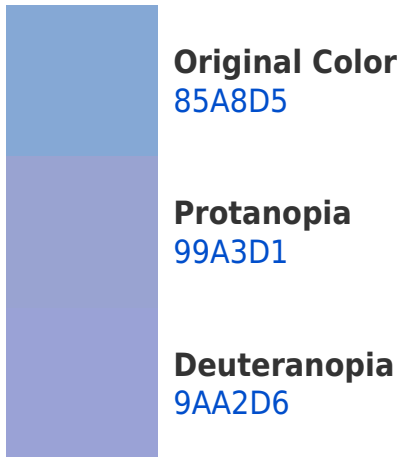


This preview shows how white text looks on a background with the Hex color 85A8D5.

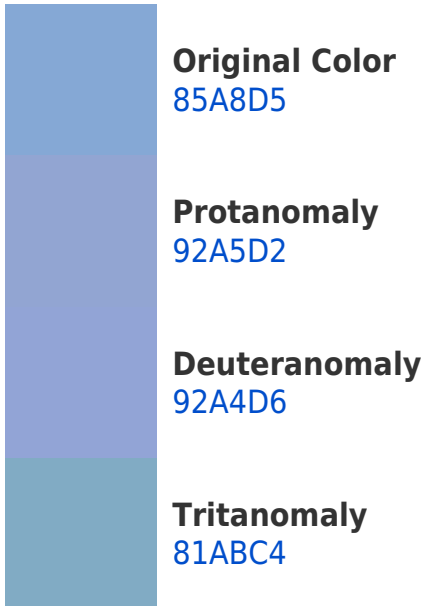
Color Blindness Simulation

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](#).

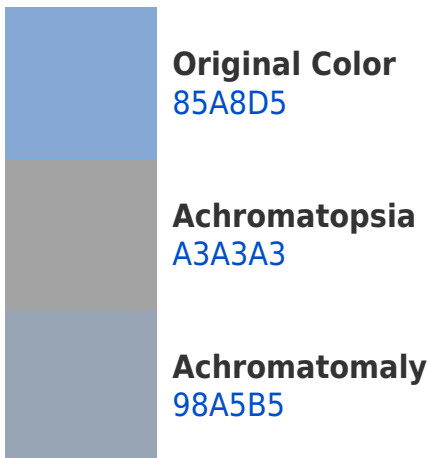
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85A8D5 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 #85A8D5 looks like.

```
.text, #text, p{  
    color:#85A8D5  
}
```

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 #85A8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85A8D5
}
```

Border

The CSS property to change the border of an element to Hex 85A8D5 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
#85A8D5 }
```

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

```
.border{ border-color:#85A8D5 }
```

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

Here you see how a box with a 4 pixel #85A8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85A8D5; -webkit-box-shadow:4px 4px  
4px 4px #85A8D5; box-shadow:4px 4px 4px  
4px #85A8D5 }
```

Background

The CSS property to change the background color of an element to Hex 85A8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85A8D5 }
```

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

```
.background{ background-color:#85A8D5 }
```

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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