

Converting Colors

Hex(859DED)

Have a look what the booklet for
Hex(859DED) contains.

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Color

Hex(859DED)

Conversions

Conversions Part 1

Format	Color
Hex	859DED
RGB	133, 157, 237
RGB Percent	52%, 62%, 93%
CMY	0.4784, 0.3843, 0.0706
CMYK	0.44, 0.34, 0.00, 0.07
HSL	226°, 74%, 73%
HSV	226°, 44%, 93%
XYZ	37.0159, 35.2149, 84.9670
YIQ	158.9440, -39.9840, 19.7920

Conversions

Conversions Part 2

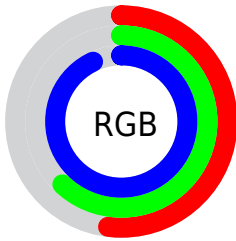
Format	Color
R _{YB}	133, 153, 237
Decimal	8756717
CIE Lab	65.92, 12.05, -42.90
CIE LCh	66, 44.557, 285.691
Yxy	35.2149, 0.2355, 0.2240
Android (android.graphics.Color)	4286946797 (0xFF859DED)
YUV	158.9440, 38.4816, -22.7529
Hunter-Lab	59.3422, 7.4943, -43.3528

Details

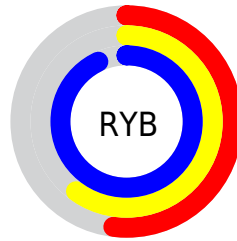
The Hex color **859DED** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EDD585**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **BED3FF**, and **4D6AB5** is the 20% darker color. If you saturate the color by 10%, you get **6D8BED**, and if you desaturate by 10%, it is **9DAFED**.

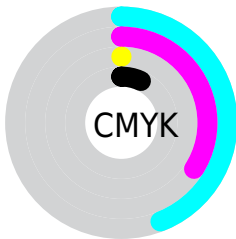
Distribution



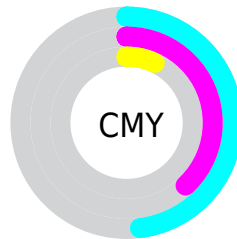
- Red (52%)
- Green (62%)
- Blue (93%)



- Red (52%)
- Yellow (60%)
- Blue (93%)



- Cyan (44%)
- Magenta (34%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (38%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 859DED 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 859DED by changing the saturation by 10% instead.

 859DED

 859DED

FFFFFF

 6983D1

 BED3FF

 4D6AB5

 DBF0FF

 2E529A

 F8FFFF

 013B7F

 002666

 00134D

 000536

 000220

 000003

■ 859DED

■ 859DED

■ 6D8BED

■ 9DAFED

■ 5679ED

■ B4C1ED

■ 3E66ED

■ CCD4ED

■ 2654ED

■ E4E6ED

■ 0F42ED

■ FBF8ED

■ 0037ED

■ FFFFED

Harmonies

Analogous

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



26AAED



859DED



BE8ED8

Triad

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



859DED



E38969



3AB48B

Complementary

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



859DED



EDD585

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.



77AE66



859DED



C99752

Square

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



859DED



EC808D



A4A451



00B5B4

Rectangle

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



859DED



D885C2



A4A451



52B27E

Sweetspot

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



859DED



DEE6FF



85EDD5



6B7080



000000



808080

Same Dimension

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



859DED



7897FF



A185ED



6A6C75



002AB5



000C36

Inverse Universe

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



ED859D



FF7897



D1ED85



756A6C



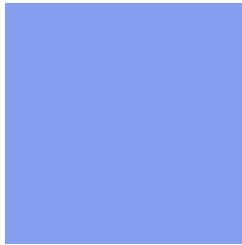
B5002A



36000C

Previews

White Background



This preview shows how the Hex color 859DED looks on a white background.

Color Contrast Check

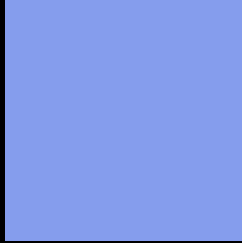
Large Text (above 18pt) WCAG AA × Fail

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 859DED 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 859DED Background



This preview shows how black text looks on a background with the Hex color 859DED.



This preview shows how white text looks on a background with the Hex color 859DED.

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](#).

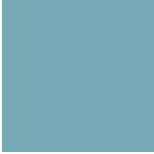
Dichromacy



Original Color
859DED

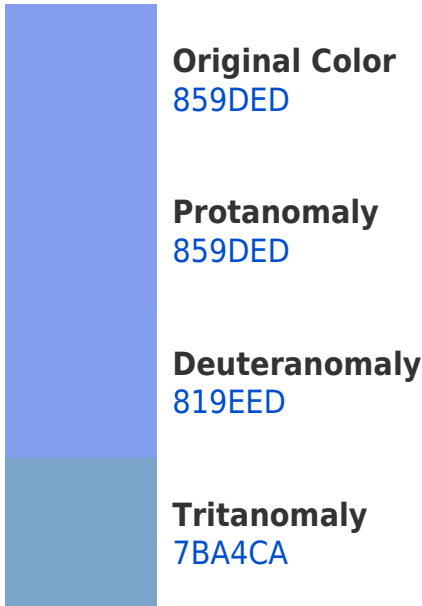
Protanopia
859DED

Deuteranopia
7E9FED

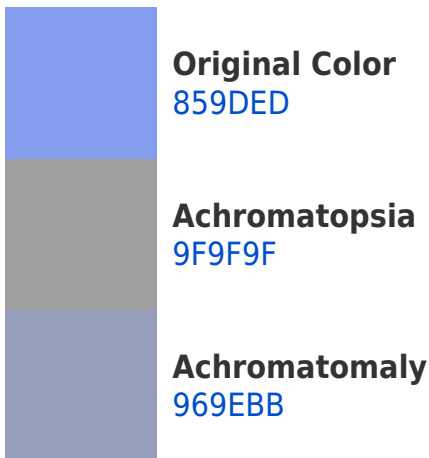


Tritanopia
76A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 859DED 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 #859DED looks like.

```
.text, #text, p{  
    color:#859DED  
}
```

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 #859DED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #859DED
}
```

Border

The CSS property to change the border of an element to Hex 859DED 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
#859DED }
```

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

```
.border{ border-color:#859DED }
```

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

Here you see how a box with a 4 pixel #859DED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #859DED; -webkit-box-shadow:4px 4px  
4px 4px #859DED; box-shadow:4px 4px 4px  
4px #859DED }
```

Background

The CSS property to change the background color of an element to Hex 859DED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#859DED }
```

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

```
.background{ background-color:#859DED }
```

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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