

# Converting Colors

Hex(86BBDE)

Have a look what the booklet for  
Hex(86BBDE) contains.

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# **Color**

**Hex(86BBDE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86BBDE
RGB	134, 187, 222
RGB Percent	53%, 73%, 87%
CMY	0.4745, 0.2667, 0.1294
CMYK	0.40, 0.16, 0.00, 0.13
HSL	204°, 57%, 70%
HSV	204°, 40%, 87%
XYZ	40.7867, 45.8829, 75.8138
YIQ	175.1430, -42.8230, -0.3510

# Conversions

## Conversions Part 2

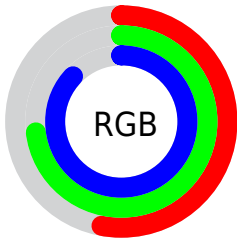
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 167, 222
Decimal	8829918
CIELab	73.47, -8.51, -23.01
CIElCh	73, 24.532, 249.703
Yxy	45.8829, 0.2510, 0.2824
Android (android.graphics.Color)	4287019998 (0xFF86BBDE)
YUV	175.1430, 23.1005, -36.0824
Hunter-Lab	67.7369, -11.0588, -18.9439

# Details

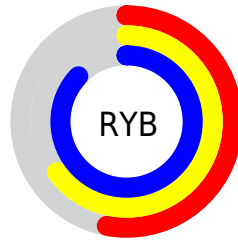
The Hex color **86BBDE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **DEA986**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BEF3FF**, and **4F86A7** is the 20% darker color. If you saturate the color by 10%, you get **70B2DE**, and if you desaturate by 10%, it is **9CC4DE**.

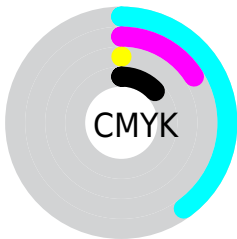
# Distribution



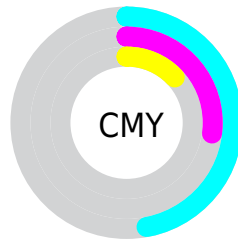
- Red (53%)
- Green (73%)
- Blue (87%)



- Red (53%)
- Yellow (65%)
- Blue (87%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (13%)



- Cyan (47%)
- Magenta (27%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 86BBDE 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 86BBDE by changing the saturation by 10% instead.



86BBDE

86BBDE

FFFFFF

6BA0C2

BEF3FF

4F86A7

DBFFFF

336D8C

F8FFFF

125473

003D5A

002842

00132C

000117

000000

 86BBDE

 86BBDE

 70B2DE

 9CC4DE

 5AA9DE

 B2CDDE

 43A1DE

 C9D5DE

 2D98DE

 DFDEDE

 178FDE

 F5E7DE

 0186DE

 FFF0DE

 0086DE

 FFF9DE

 FFFFDE

# Harmonies

## Analogous

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



75C0D0



86BBDE



A3B4E0

# Triad

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



86BBDE



E2A4AE



A5BC91

# Complementary

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



86BBDE



DEA986

# 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.



**BEB588**



**86BBDE**



**E0A799**

# Square

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



86BBDE



D8A6C5



D3AE8B



8BC0A4

# Rectangle

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



86BBDE



B8AFDB



D3AE8B



ADBA8D

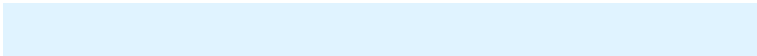


# Sweetspot

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



86BBDE



E0F3FF



86DEA8



6E7880



000000



808080

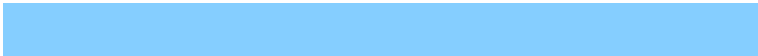


# Same Dimension

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



86BBDE



85CEFF



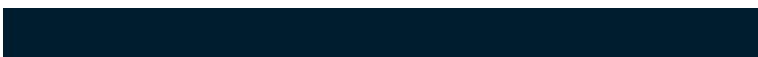
8690DE



656C70



006AB0



001D30



# Inverse Universe

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



DE86BB



FF85CE



DED486



70656C



B0006A

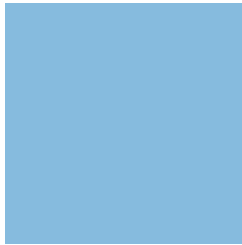


30001D



# Previews

## White Background



This preview shows how the Hex color 86BBDE looks on a white background.

## Color Contrast Check

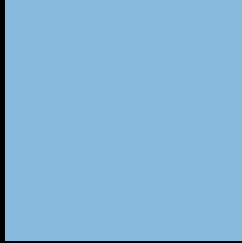
Large Text (above 18pt) WCAG AA × Fail

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 86BBDE looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

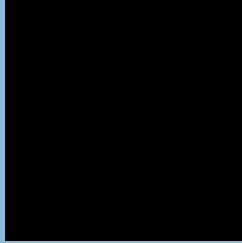
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 86BBDE Background



This preview shows how black text looks on a background with the Hex color 86BBDE.



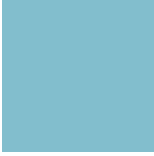
This preview shows how white text looks on a background with the Hex color 86BBDE.

# 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](#).

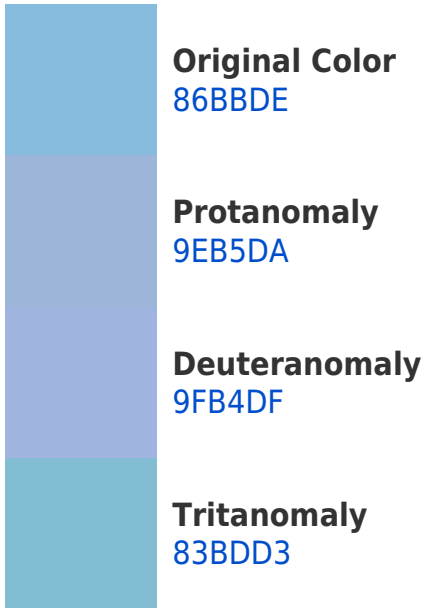
## Dichromacy



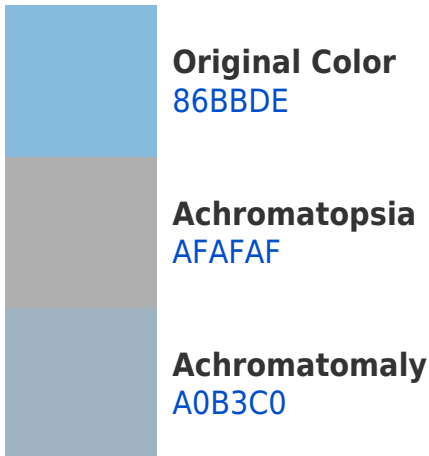


**Tritanopia**  
82BECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 86BBDE 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 #86BBDE looks like.

```
.text, #text, p{  
    color:#86BBDE  
}
```

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 #86BBDE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86BBDE
}
```

## Border

The CSS property to change the border of an element to Hex 86BBDE 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
#86BBDE }
```

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

```
.border{ border-color:#86BBDE }
```

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

Here you see how a box with a 4 pixel #86BBDE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86BBDE; -webkit-box-shadow:4px 4px  
4px 4px #86BBDE; box-shadow:4px 4px 4px  
4px #86BBDE }
```

# Background

The CSS property to change the background color of an element to Hex 86BBDE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86BBDE }
```

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

```
.background{ background-color:#86BBDE }
```

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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