

Converting Colors

Hex(88BDE6)

Have a look what the booklet for
Hex(88BDE6) contains.

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Color

Hex(88BDE6)

Conversions

Conversions Part 1

Format	Color
Hex	88BDE6
RGB	136, 189, 230
RGB Percent	53%, 74%, 90%
CMY	0.4667, 0.2588, 0.0980
CMYK	0.41, 0.18, 0.00, 0.10
HSL	206°, 65%, 72%
HSV	206°, 41%, 90%
XYZ	42.6339, 47.3426, 81.7539
YIQ	177.8270, -44.7490, 1.5150

Conversions

Conversions Part 2

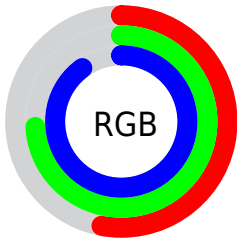
Format	Color
RYB	136, 170, 230
Decimal	8961510
CIELab	74.41, -6.95, -25.90
CIELCh	74, 26.819, 254.987
Yxy	47.3426, 0.2483, 0.2757
Android (android.graphics.Color)	4287151590 (0xFF88BDE6)
YUV	177.8270, 25.7213, -36.6823
Hunter-Lab	68.8060, -9.8074, -22.2830

Details

The Hex color **88BDE6** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E6B188**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C0F5FF**, and **5188AE** is the 20% darker color. If you saturate the color by 10%, you get **71B3E6**, and if you desaturate by 10%, it is **9FC7E6**.

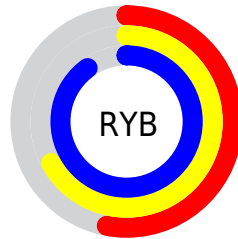
Distribution



Red (53%)

Green (74%)

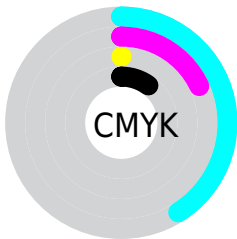
Blue (90%)



Red (53%)

Yellow (67%)

Blue (90%)

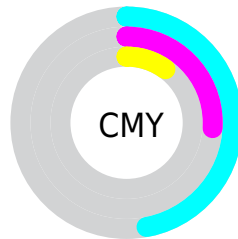


Cyan (41%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (47%)

Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 88BDE6 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 88BDE6 by changing the saturation by 10% instead.

88BDE6

88BDE6

FFFFFF

6CA2CA

C0F5FF

5188AE

DDFFFF

346E94

FBFFFF

11567A

003F61

002949

001532

00021D

000000

88BDE6

88BDE6

71B3E6

9FC7E6

5AA9E6

B6D1E6

439FE6

CDDBE6

2C95E6

E4E5E6

158BE6

FBEFE6

0082E6

FFF9E6

FFFFE6

Harmonies

Analogous

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



71C3D9



88BDE6



AAB5E6

Triad

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



88BDE6



E9A5AB



A0C094

Complementary

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



88BDE6



E6B188

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.



BCB987



88BDE6



E5AA95

Square

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



88BDE6



E0A6C4



D4B188



85C4A9

Rectangle

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



88BDE6



C0AFDF



D4B188



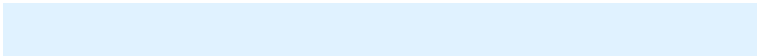
AABE8E

Sweetspot

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



88BDE6



E0F2FF



88E6B1



6E7880



000000



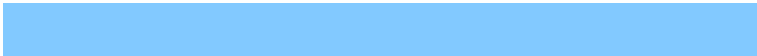
808080

Same Dimension

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



88BDE6



82C9FF



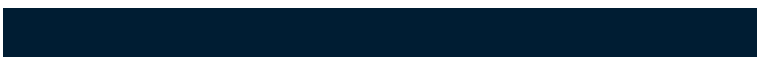
888EE6



676E73



0065B3



001D33

Inverse Universe

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



E688BD



FF82C9



E6E088



73676E



B30065



33001D

Previews

White Background



This preview shows how the Hex color 88BDE6 looks on a white background.

Color Contrast Check

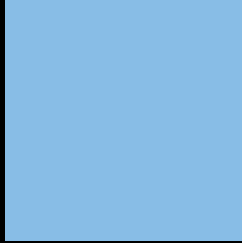
Large Text (above 18pt) WCAG AA × Fail

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 88BDE6 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 88BDE6 Background



This preview shows how black text looks on a background with the Hex color 88BDE6.



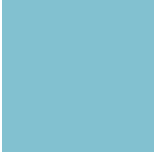
This preview shows how white text looks on a background with the Hex color 88BDE6.

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](#).

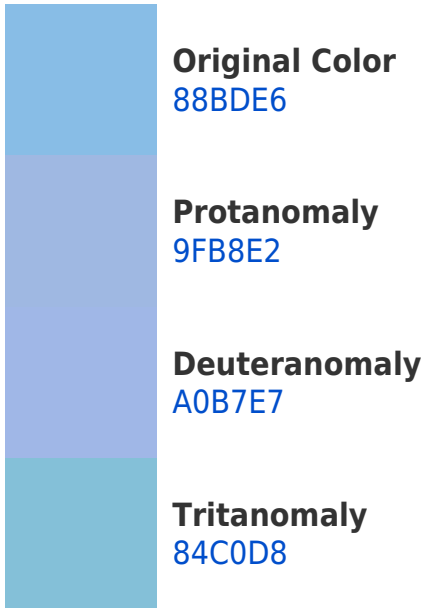
Dichromacy



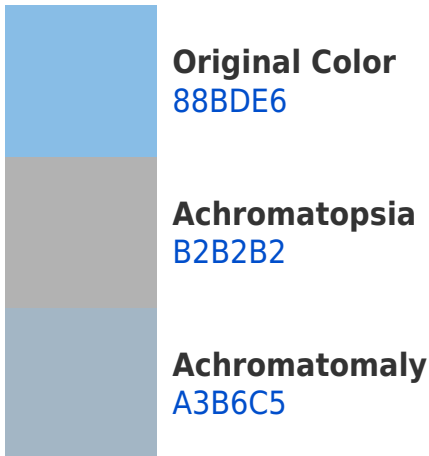


Tritanopia
82C1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 88BDE6 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 #88BDE6 looks like.

```
.text, #text, p{  
    color:#88BDE6  
}
```

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 #88BDE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #88BDE6  
}
```

Border

The CSS property to change the border of an element to Hex 88BDE6 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  
#88BDE6 }
```

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

```
.border{ border-color:#88BDE6 }
```

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

Here you see how a box with a 4 pixel #88BDE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #88BDE6; -webkit-box-shadow:4px 4px  
4px 4px #88BDE6; box-shadow:4px 4px 4px  
4px #88BDE6 }
```

Background

The CSS property to change the background color of an element to Hex 88BDE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#88BDE6 }
```

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

```
.background{ background-color:#88BDE6 }
```

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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