

Converting Colors

Hex(B8E395)

Have a look what the booklet for
Hex(B8E395) contains.

Hex(B8E395)	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(**B8E395**)

Conversions

Conversions Part 1

Format	Color
Hex	B8E395
RGB	184, 227, 149
RGB Percent	72%, 89%, 58%
CMY	0.2784, 0.1098, 0.4157
CMYK	0.19, 0.00, 0.34, 0.11
HSL	93°, 58%, 74%
HSV	93°, 34%, 89%
XYZ	52.6611, 67.2984, 38.6481
YIQ	205.2510, -0.5900, -33.3740

Conversions

Conversions Part 2

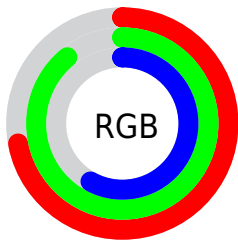
Format	Color
RYB	149, 227, 192
Decimal	12116885
CIELab	85.65, -27.50, 33.66
CIELCh	86, 43.465, 129.251
Yxy	67.2984, 0.3320, 0.4243
Android (android.graphics.Color)	4290306965 (0xFFB8E395)
YUV	205.2510, -27.7317, -18.6371
Hunter-Lab	82.0356, -28.9780, 29.4926

Details

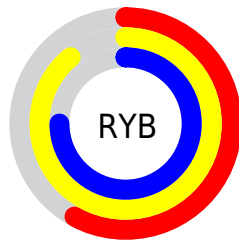
The Hex color **B8E395** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C095E3**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **F1FFCC**, and **82AB61** is the 20% darker color. If you saturate the color by 10%, you get **ABE37E**, and if you desaturate by 10%, it is **C5E3AC**.

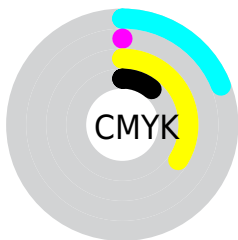
Distribution



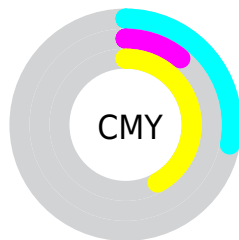
- Red (72%)
- Green (89%)
- Blue (58%)



- Red (58%)
- Yellow (89%)
- Blue (75%)



- Cyan (19%)
- Magenta (0%)
- Yellow (34%)
- Black (11%)



- Cyan (28%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8E395 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 B8E395 by changing the saturation by 10% instead.

 B8E395

FFFFFF

 F1FFCC

 FFFFE8

 B8E395

 9DC77B

 82AB61

 689149

 4E7731

 355E19

 1C4600

 022F00

 001C00

 000000

 B8E395

 B8E395

 ABE37E

 C5E3AC

 9FE368

 D1E3C2

 92E351

 DEE3D9

 86E33A

 EAE3F0

 79E324

 F7E3FF

 6DE30D

 FFE3FF

 66E300

Harmonies

Analogous

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



E5D884



B8E395



85EAB8

Triad

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



B8E395



6AE2FF



FFB6CB

Complementary

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



B8E395



C095E3

Split Complementary

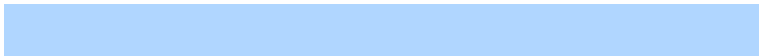
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFBAF4



B8E395



B0D6FF

Square

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



B8E395



31EAFF



ECC7FF



FFBDA4

Rectangle

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



B8E395



61ECD4



ECC7FF



FFB6D9

Sweetspot

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



B8E395



F1FFE6



E3C095



778070



000000



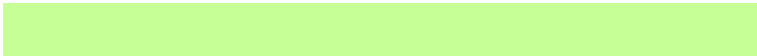
808080

Same Dimension

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



B8E395



C5FF96



95E399



6C7367



50B300



173300

Inverse Universe

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



C095E3



D096FF



E395DF



6E6773



6200B3



1C0033

Previews

White Background



This preview shows how the Hex color B8E395 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 B8E395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

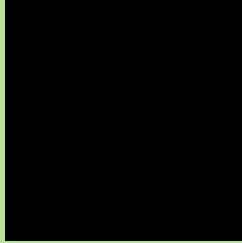
Any Text WCAG AA ✓ Pass

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 B8E395 Background



This preview shows how black text looks on a background with the Hex color B8E395.

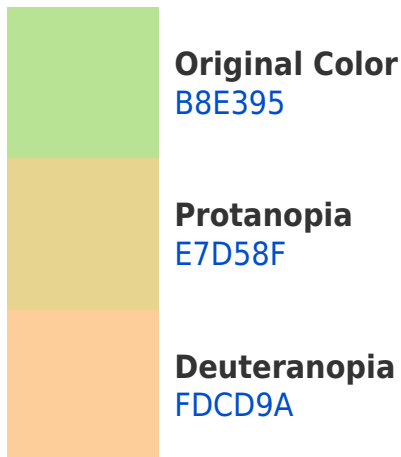


This preview shows how white text looks on a background with the Hex color B8E395.

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
C5D8EA

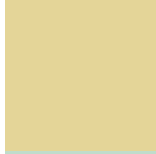
Trichromacy



Original Color
B8E395



Protanomaly
D6DA91



Deuteranomaly
E4D598

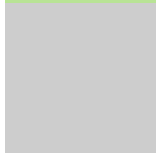


Tritanomaly
C0DCCB

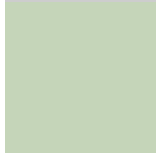
Monochromacy



Original Color
B8E395



Achromatopsia
CDCDCD



Achromatomaly
C5D5B9

CSS Examples

Text

The CSS property to change the color of the text to Hex B8E395 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 #B8E395 looks like.

```
.text, #text, p{  
    color:#B8E395  
}
```

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 #B8E395 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8E395
}
```

Border

The CSS property to change the border of an element to Hex B8E395 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
#B8E395 }
```

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

```
.border{ border-color:#B8E395 }
```

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

Here you see how a box with a 4 pixel #B8E395 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8E395; -webkit-box-shadow:4px 4px  
4px 4px #B8E395; box-shadow:4px 4px 4px  
4px #B8E395 }
```

Background

The CSS property to change the background color of an element to Hex B8E395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8E395 }
```

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

```
.background{ background-color:#B8E395 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor