

# Converting Colors

Hex(8BE488)

Have a look what the booklet for  
Hex(8BE488) contains.

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**Color**

**Hex(8BE488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8BE488
RGB	139, 228, 136
RGB Percent	55%, 89%, 53%
CMY	0.4549, 0.1059, 0.4667
CMYK	0.39, 0.00, 0.40, 0.11
HSL	118°, 63%, 71%
HSV	118°, 40%, 89%
XYZ	42.8348, 62.7533, 33.1475
YIQ	190.9010, -23.5120, -47.4800

# Conversions

## Conversions Part 2

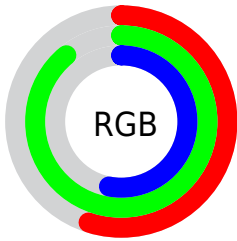
Format	Color
<a href="#">RYB</a>	<a href="#">136, 228, 225</a>
Decimal	<a href="#">9168008</a>
CIELab	<a href="#">83.31, -44.73, 36.69</a>
CIELCh	<a href="#">83, 57.847, 140.640</a>
Yxy	<a href="#">62.7533, 0.3088, 0.4523</a>
Android (android.graphics.Color)	<a href="#">4287358088 (0xFF8BE488)</a>
YUV	<a href="#">190.9010, -27.0662, -45.5172</a>
Hunter-Lab	<a href="#">79.2170, -42.1099, 30.6426</a>

# Details

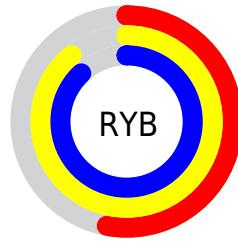
The Hex color **8BE488** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E188E4**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **C4FFBE**, and **53AC55** is the 20% darker color. If you saturate the color by 10%, you get **75E471**, and if you desaturate by 10%, it is **A1E49F**.

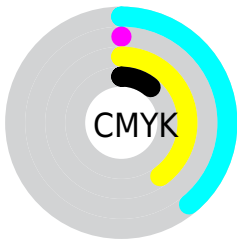
# Distribution



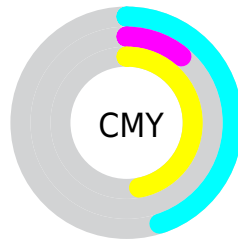
- Red (55%)
- Green (89%)
- Blue (53%)



- Red (53%)
- Yellow (89%)
- Blue (88%)



- Cyan (39%)
- Magenta (0%)
- Yellow (40%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8BE488 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 8BE488 by changing the saturation by 10% instead.



 8BE488

FFFFFF

 C4FFBE

 E1FFDA

 FEFFF7

 8BE488

 6FC86E

 53AC55

 36913C

 137724

 005D08

 004500

 002E00

 001400

 000000

 8BE488

 8BE488

 75E471

 A1E49F

 5FE45A

 B7E4B6

 49E444

 CDE4CC

 33E42D

 E3E4E3

 1DE416

 F9E4FA

 07E400

 FFE4FF

# Harmonies

## Analogous

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



CBD866



8BE488



12EABC

# Triad

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



8BE488



35DAFF



FFA4AC

# Complementary

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



8BE48E



E18E8E

# 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.



FFA4E3



8BE488



B8C8FF

# Square

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



8BE488



00E6FF



FFB3FF



FFB37D

# Rectangle

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



8BE488



00EBE2



FFB3FF



FFA2BE

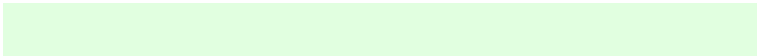


# Sweetspot

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



8BE488



E1FFE0



E4E188



6E806E



000000



808080



# Same Dimension

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



8BE488



89FF85



88E4B3



687367



06B300



023300



# Inverse Universe

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



E188E4



FB85FF



E488B9



726773



AD00B3

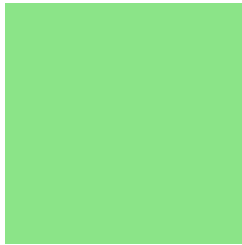


310033



# Previews

## White Background



This preview shows how the Hex color 8BE488 looks on a white background.

## Color Contrast Check

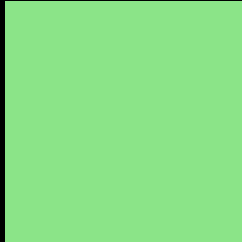
Large Text (above 18pt) WCAG AA × Fail

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 8BE488 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

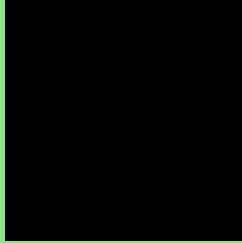
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8BE488 Background



This preview shows how black text looks on a background with the Hex color 8BE488.

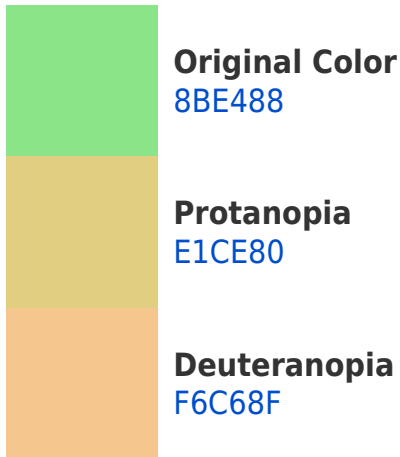


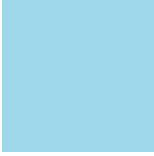
This preview shows how white text looks on a background with the Hex color 8BE488.

# 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](#).

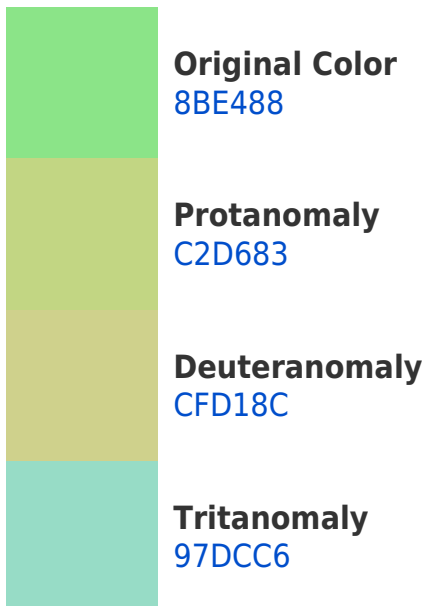
## Dichromacy



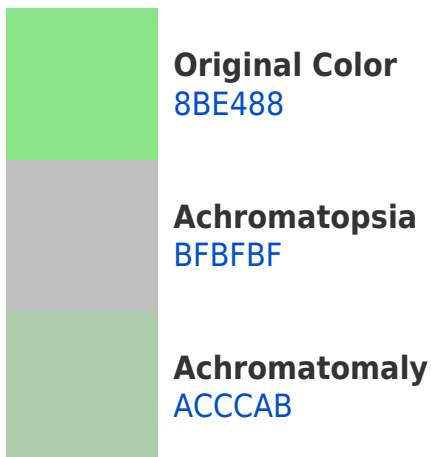


**Tritanopia**  
9ED8EA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8BE488 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 #8BE488 looks like.

```
.text, #text, p{  
    color:#8BE488  
}
```

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 #8BE488 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8BE488
}
```

## Border

The CSS property to change the border of an element to Hex 8BE488 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
#8BE488 }
```

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

```
.border{ border-color:#8BE488 }
```

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

Here you see how a box with a 4 pixel #8BE488 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8BE488; -webkit-box-shadow:4px 4px  
4px 4px #8BE488; box-shadow:4px 4px 4px  
4px #8BE488 }
```

# Background

The CSS property to change the background color of an element to Hex 8BE488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8BE488 }
```

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

```
.background{ background-color:#8BE488 }
```

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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