

Converting Colors

Hex(BFE270)

Have a look what the booklet for
Hex(BFE270) contains.

Hex(BFE270)	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(BFE270)

Conversions

Conversions Part 1

Format	Color
Hex	BFE270
RGB	191, 226, 112
RGB Percent	75%, 89%, 44%
CMY	0.2510, 0.1137, 0.5608
CMYK	0.15, 0.00, 0.50, 0.11
HSL	78°, 66%, 66%
HSV	78°, 50%, 89%
XYZ	51.6068, 66.6389, 25.4719
YIQ	202.5390, 15.7340, -42.8740

Conversions

Conversions Part 2

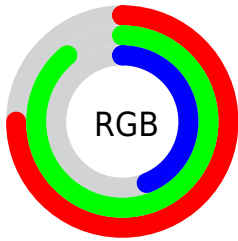
Format	Color
RYB	112, 226, 147
Decimal	12575344
CIELab	85.32, -28.82, 51.46
CIElCh	85, 58.981, 119.255
Yxy	66.6389, 0.3591, 0.4637
Android (android.graphics.Color)	4290765424 (0xFFBFE270)
YUV	202.5390, -44.6357, -10.1197
Hunter-Lab	81.6327, -30.0124, 38.6426

Details

The Hex color **BFE270** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9370E2**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **F9FFA6**, and **87AB3B** is the 20% darker color. If you saturate the color by 10%, you get **B8E259**, and if you desaturate by 10%, it is **C6E287**.

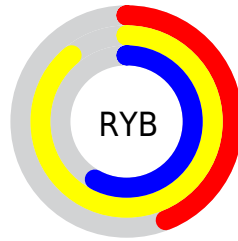
Distribution



Red (75%)

Green (89%)

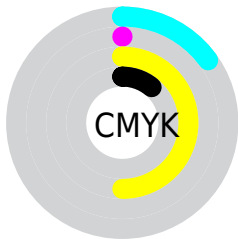
Blue (44%)



Red (44%)

Yellow (89%)

Blue (58%)

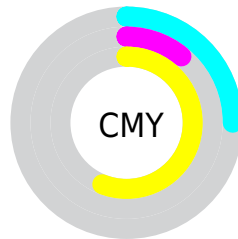


Cyan (15%)

Magenta (0%)

Yellow (50%)

Black (11%)



Cyan (25%)

Magenta (11%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFE270 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 BFE270 by changing the saturation by 10% instead.

 BFE270

 BFE270

FFFFFF

 A3C656

 F9FFA6

 87AB3B

 FFFFC2

 6C9020

 FFFFDF

 527600

 FFFFFC

 385D00

 1D4500

 002F00

 001B00

 000000

 BFE270

 BFE270

 B8E259

 C6E287

 B1E243

 CDE29D

 AAE22C

 D4E2B4

 A3E216

 DBE2CA

 9DE200

 E2E2E1

 E9E2F8

 F0E2FF

 F7E2FF

 FDE2FF

Harmonies

Analogous

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



F7D262



BFE270



78ED9A

Triad

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



BFE270



00EAF7



FFA6D9

Complementary

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



BFE270



9370E2

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.



FFB2FF



BFE270



6DDBFF

Square

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



BFE270



00F1FF



D7C7FF



FFACA2

Rectangle

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



BFE270



23F0BF



D7C7FF



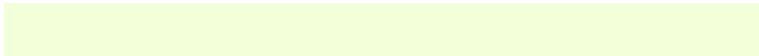
FFA9EC

Sweetspot

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



BFE270



F3FFD9



E29270



788069



000000



808080

Same Dimension

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



BFE270



CFFF63



87E270



6D7065



7AB000



223000

Inverse Universe

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



9370E2



9363FF



CB70E2



686570



3600B0



0F0030

Previews

White Background



This preview shows how the Hex color BFE270 looks on a white background.

Color Contrast Check

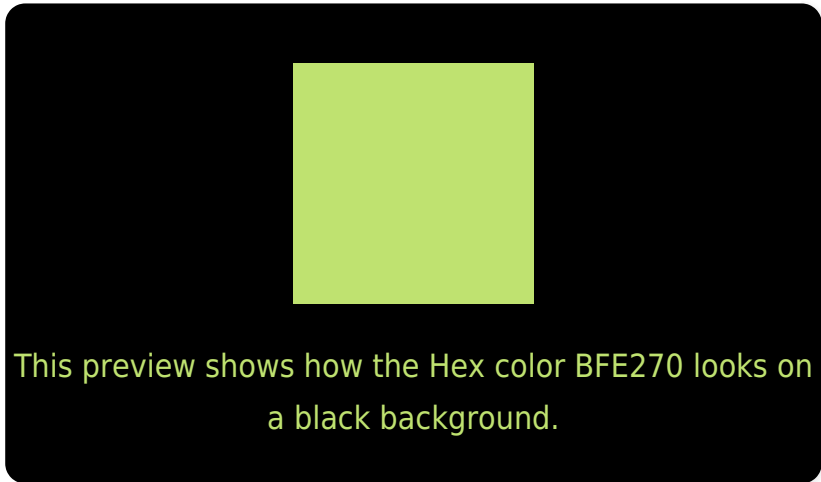
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

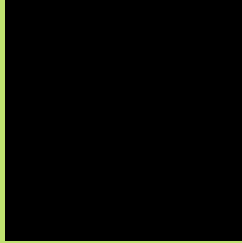
Any Text WCAG AA ✓ Pass

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 BFE270 Background



This preview shows how black text looks on a background with the Hex color BFE270.

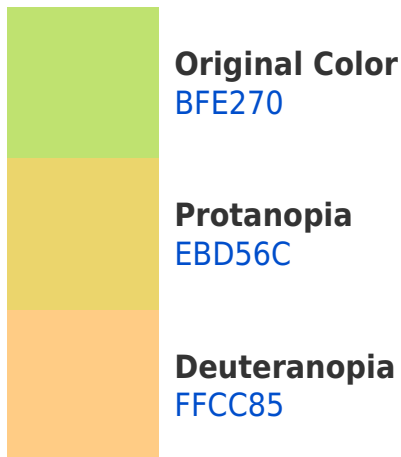


This preview shows how white text looks on a background with the Hex color BFE270.

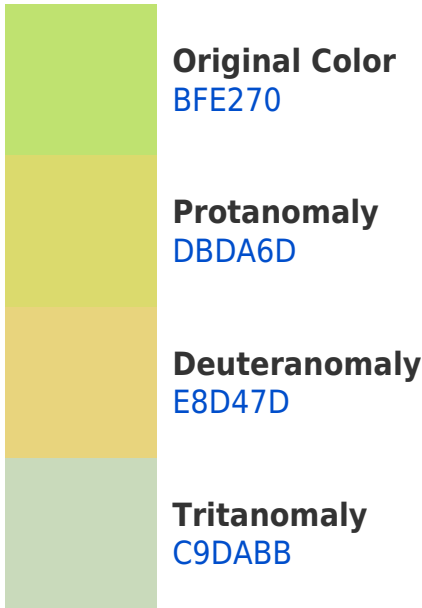
Color Blindness Simulation

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](#).

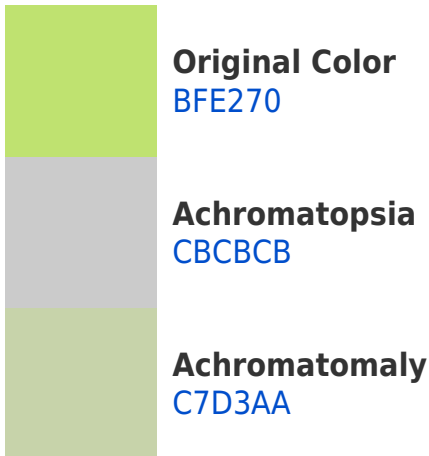
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex BFE270 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 #BFE270 looks like.

```
.text, #text, p{  
    color:#BFE270  
}
```

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 #BFE270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFE270
}
```

Border

The CSS property to change the border of an element to Hex BFE270 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
#BFE270 }
```

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

```
.border{ border-color:#BFE270 }
```

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

Here you see how a box with a 4 pixel #BFE270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFE270; -webkit-box-shadow:4px 4px  
4px 4px #BFE270; box-shadow:4px 4px 4px  
4px #BFE270 }
```

Background

The CSS property to change the background color of an element to Hex BFE270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFE270 }
```

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

```
.background{ background-color:#BFE270 }
```

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