

Converting Colors

Hex(7BE270)

Have a look what the booklet for
Hex(7BE270) contains.

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Color

Hex(7BE270)

Conversions

Conversions Part 1

Format	Color
Hex	7BE270
RGB	123, 226, 112
RGB Percent	48%, 89%, 44%
CMY	0.5176, 0.1137, 0.5608
CMYK	0.46, 0.00, 0.50, 0.11
HSL	114°, 66%, 66%
HSV	114°, 50%, 89%
XYZ	38.2894, 59.7735, 24.8486
YIQ	182.2070, -24.7940, -57.2900

Conversions

Conversions Part 2

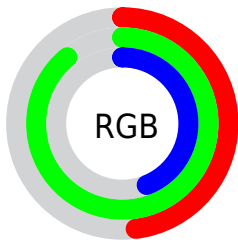
Format	Color
RYB	112, 226, 215
Decimal	8118896
CIELab	81.71, -51.91, 46.25
CIELCh	82, 69.527, 138.298
Yxy	59.7735, 0.3115, 0.4863
Android (android.graphics.Color)	4286308976 (0xFF7BE270)
YUV	182.2070, -34.6121, -51.9245
Hunter-Lab	77.3133, -46.8964, 35.0634

Details

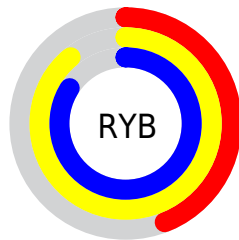
The Hex color **7BE270** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **D770E2**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B5FFA6**, and **40AA3C** is the 20% darker color. If you saturate the color by 10%, you get **67E259**, and if you desaturate by 10%, it is **8FE287**.

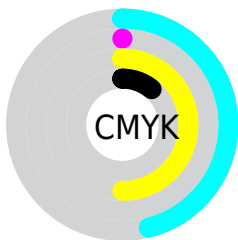
Distribution



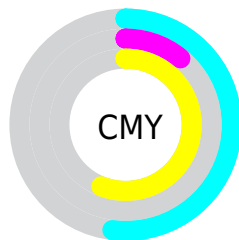
- Red (48%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (84%)



- Cyan (46%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE270 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 7BE270 by changing the saturation by 10% instead.

 7BE270

 7BE270

FFFFFF

 5EC656

 B5FFA6

 40AA3C

 D2FFC2

 1B8F22

 F0FFDE

 007400

 FFFFFB

 005B00

 004200

 002C00

 000C00

 000000

 7BE270

 7BE270

 67E259

 8FE287

 52E243

 A4E29D

 3EE22C

 B8E2B4

 29E216

 CDE2CA

 16E200

 E1E2E1

 F6E2F8

 FFE2FF

Harmonies

Analogous

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



C8D445



7BE270



00E9AE

Triad

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



7BE270



00DAFF



FF92A6

Complementary

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



7BE270



D770E2

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.



FF93E8



7BE270



9FC4FF

Square

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



7BE270



00E6FF



FFA9FF



FFA56C

Rectangle

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



7BE270



00EBDC



FFA9FF



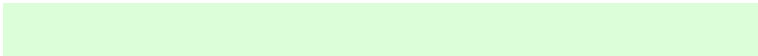
FF90BC

Sweetspot

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



7BE270



DCFFD9



E2D770



6B8069



000000



808080

Same Dimension

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



7BE270



72FF63



70E29E



667065



11B000



053000

Inverse Universe

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



D770E2



F063FF



E270B4



6F6570



9F00B0



2C0030

Previews

White Background



This preview shows how the Hex color 7BE270 looks on a white background.

Color Contrast Check

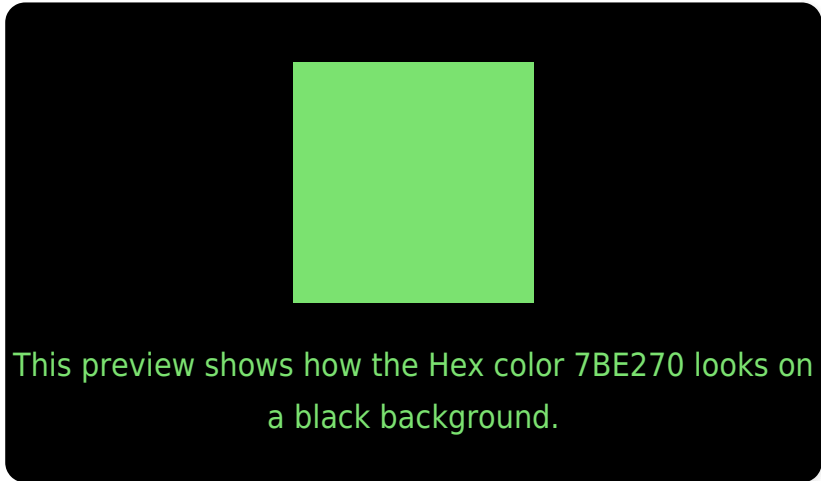
Large Text (above 18pt) WCAG AA × Fail

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

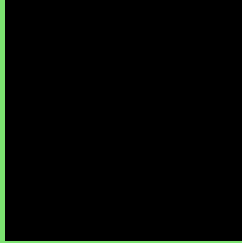
Any Text WCAG AA ✓ Pass

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 7BE270 Background



This preview shows how black text looks on a background with the Hex color 7BE270.

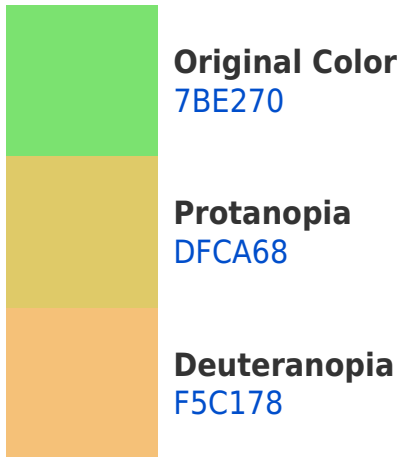


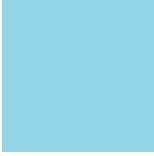
This preview shows how white text looks on a background with the Hex color 7BE270.

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



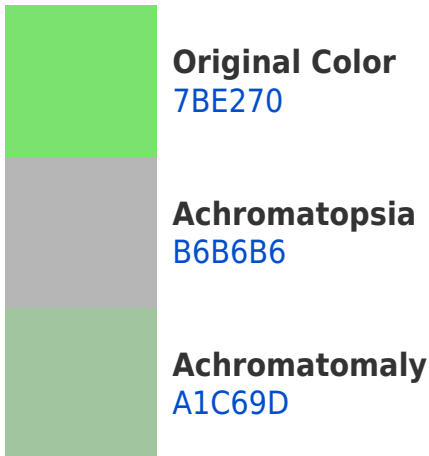


Tritanopia
92D5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE270 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 #7BE270 looks like.

```
.text, #text, p{  
    color:#7BE270  
}
```

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 #7BE270 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE270
}
```

Border

The CSS property to change the border of an element to Hex 7BE270 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
#7BE270 }
```

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

```
.border{ border-color:#7BE270 }
```

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

Here you see how a box with a 4 pixel #7BE270 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE270; -webkit-box-shadow:4px 4px  
4px 4px #7BE270; box-shadow:4px 4px 4px  
4px #7BE270 }
```

Background

The CSS property to change the background color of an element to Hex 7BE270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE270 }
```

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

```
.background{ background-color:#7BE270 }
```

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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