

Converting Colors

Hex(7BE561)

Have a look what the booklet for
Hex(7BE561) contains.

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Color

Hex(7BE561)

Conversions

Conversions Part 1

Format	Color
Hex	7BE561
RGB	123, 229, 97
RGB Percent	48%, 90%, 38%
CMY	0.5176, 0.1020, 0.6196
CMYK	0.46, 0.00, 0.58, 0.10
HSL	108°, 72%, 64%
HSV	108°, 58%, 90%
XYZ	38.3454, 61.1126, 21.0842
YIQ	182.2580, -20.8040, -63.5240

Conversions

Conversions Part 2

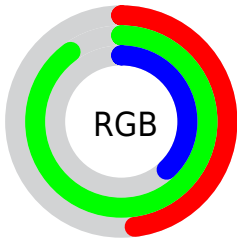
Format	Color
RYB	97, 229, 203
Decimal	8119649
CIELab	82.44, -54.85, 54.02
CIELCh	82, 76.983, 135.441
Yxy	61.1126, 0.3181, 0.5070
Android (android.graphics.Color)	4286309729 (0xFF7BE561)
YUV	182.2580, -42.0322, -51.9693
Hunter-Lab	78.1746, -49.2496, 38.7313

Details

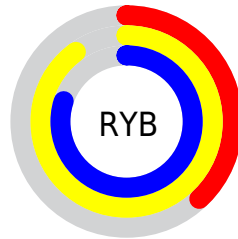
The Hex color **7BE561** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **CB61E5**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B6FF97**, and **3EAD2A** is the 20% darker color. If you saturate the color by 10%, you get **69E54A**, and if you desaturate by 10%, it is **8DE578**.

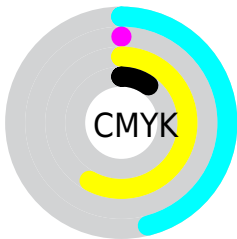
Distribution



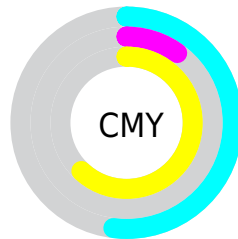
- Red (48%)
- Green (90%)
- Blue (38%)



- Red (38%)
- Yellow (90%)
- Blue (80%)



- Cyan (46%)
- Magenta (0%)
- Yellow (58%)
- Black (10%)



- Cyan (52%)
- Magenta (10%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BE561 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 7BE561 by changing the saturation by 10% instead.

 7BE561

 7BE561

FFFFFF

 5DC846

 B6FF97

 3EAD2A

 D3FFB3

 169105

 F1FFCF

 007700

 FFFFE0

 005D00

 004400

 002E00

 001000

 000000

 7BE561

 7BE561

 69E54A

 8DE578

 56E533

 A0E58F

 44E51C

 B2E5A6

 31E505

 C5E5BD

 2DE500

 D7E5D4

 E9E5EA

 FCE5FF

 FFE5FF

Harmonies

Analogous

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



CFD52F



7BE561



00EDA6

Triad

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



7BE561



00DFFF



FF8AAB

Complementary

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



7BE561



CB61E5

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.



FF8EF3



7BE561



87C8FF

Square

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



7BE561



00ECFF



FFA9FF



FF9F68

Rectangle

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



7BE561



00F0D9



FFA9FF



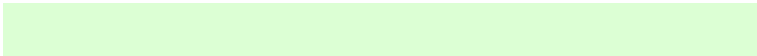
FF88C3

Sweetspot

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



7BE561



DCFFD4



E5CB61



6B8066



000000



808080

Same Dimension

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



7BE561



72FF4F



61E589



6A7367



23B300



0A3300

Inverse Universe

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



CB61E5



DC4FFF



E561BD



706773



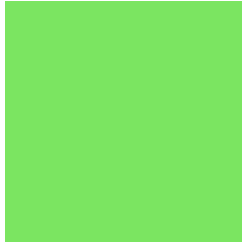
8F00B3



290033

Previews

White Background



This preview shows how the Hex color 7BE561 looks on a white background.

Color Contrast Check

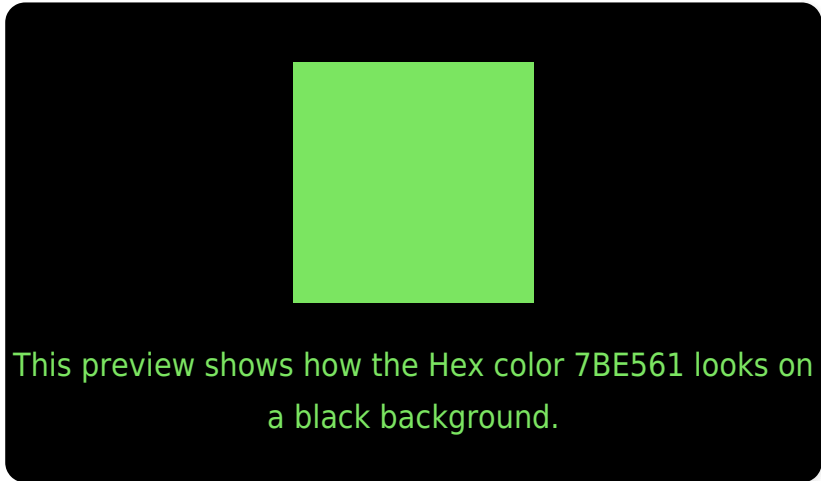
Large Text (above 18pt) WCAG AA × Fail

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 7BE561 Background



This preview shows how black text looks on a background with the Hex color 7BE561.

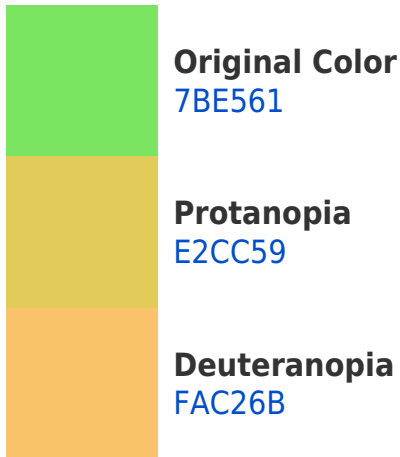


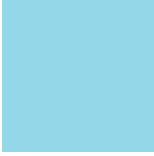
This preview shows how white text looks on a background with the Hex color 7BE561.

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](#).

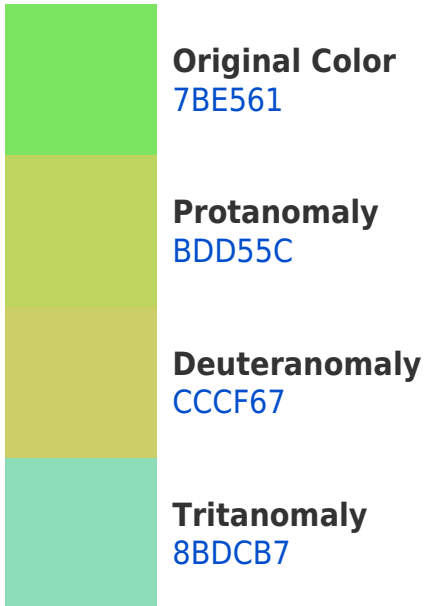
Dichromacy



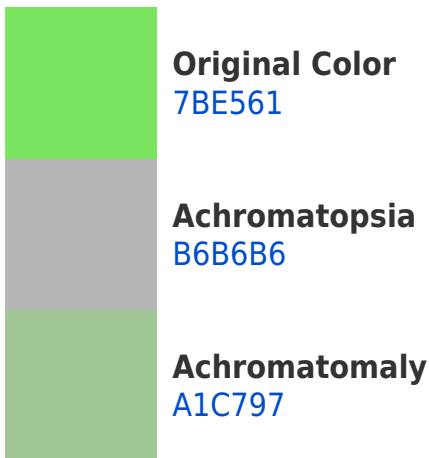


Tritanopia
94D7E8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7BE561 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 #7BE561 looks like.

```
.text, #text, p{  
    color:#7BE561  
}
```

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 #7BE561 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BE561
}
```

Border

The CSS property to change the border of an element to Hex 7BE561 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
#7BE561 }
```

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

```
.border{ border-color:#7BE561 }
```

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

Here you see how a box with a 4 pixel #7BE561 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BE561; -webkit-box-shadow:4px 4px  
4px 4px #7BE561; box-shadow:4px 4px 4px  
4px #7BE561 }
```

Background

The CSS property to change the background color of an element to Hex 7BE561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BE561 }
```

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

```
.background{ background-color:#7BE561 }
```

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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