

Converting Colors

Hex(7BEB4C)

Have a look what the booklet for
Hex(7BEB4C) contains.

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Color

Hex(7BEB4C)

Conversions

Conversions Part 1

Format	Color
Hex	7BEB4C
RGB	123, 235, 76
RGB Percent	48%, 92%, 30%
CMY	0.5176, 0.0784, 0.7020
CMYK	0.48, 0.00, 0.68, 0.08
HSL	102°, 80%, 61%
HSV	102°, 68%, 92%
XYZ	39.1812, 64.1494, 17.1545
YIQ	183.3860, -15.7130, -73.1930

Conversions

Conversions Part 2

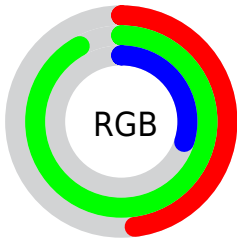
Format	Color
RYB	76, 235, 188
Decimal	8121164
CIELab	84.04, -59.10, 64.47
CIELCh	84, 87.460, 132.513
Yxy	64.1494, 0.3252, 0.5324
Android (android.graphics.Color)	4286311244 (0xFF7BEB4C)
YUV	183.3860, -52.9413, -52.9585
Hunter-Lab	80.0933, -52.8421, 43.3665

Details

The Hex color **7BEB4C** is a dark color, and the websafe version is hex **99FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **BC4CEB**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B7FF84**, and **3BB200** is the 20% darker color. If you saturate the color by 10%, you get **6AEB34**, and if you desaturate by 10%, it is **8CEB64**.

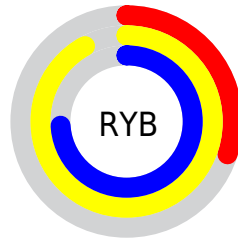
Distribution



Red (48%)

Green (92%)

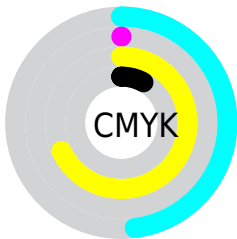
Blue (30%)



Red (30%)

Yellow (92%)

Blue (74%)

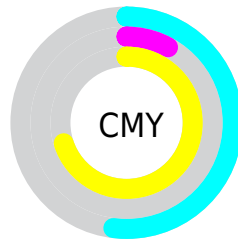


Cyan (48%)

Magenta (0%)

Yellow (68%)

Black (8%)



Cyan (52%)

Magenta (8%)

Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7BEB4C 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 7BEB4C by changing the saturation by 10% instead.

 7BEB4C

 7BEB4C

FFFFFF

 5CCE2E

 B7FF84

 3BB200

 D5FFA0

 079700

 F3FFBD

 007C00

 FFFFDA

 006200

 FFFFF7

 004900

 003200

 001700

 000000

 7BEB4C

 7BEB4C

 6AEB34

 8CEB64

 5AEB1D

 9CEB7B

 49EB05

 ADEB93

 45EB00

 BDEBAA

 CEEBC1

 DEEBD9

 EFEBF0

 FFEbff

Harmonies

Analogous

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



D9D900



7BEB4C



00F59D

Triad

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



7BEB4C



00E8FF



FF7EB3

Complementary

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



7BEB4C



BC4CEB

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.



FF87FF



7BEB4C



58D0FF

Square

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



7BEB4C



00F5FF



FFACFF



FF9865

Rectangle

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



7BEB4C



00F8D6



FFACFF



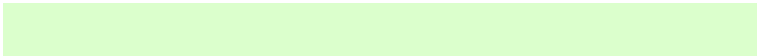
FF7CCE

Sweetspot

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



7BEB4C



DBFFCC



EBBB4C



6A8061



000000



808080

Same Dimension

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



7BEB4C



6EFF30



4CEB6C



6D756A



36B500



103600

Inverse Universe

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



BC4CEB



C230FF



EB4CCB



726A75



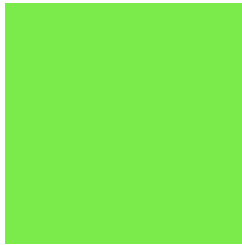
8000B5



260036

Previews

White Background



This preview shows how the Hex color 7BEB4C 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 7BEB4C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

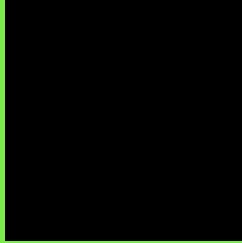
Any Text WCAG AA ✓ Pass

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 7BEB4C Background



This preview shows how black text looks on a background with the Hex color 7BEB4C.

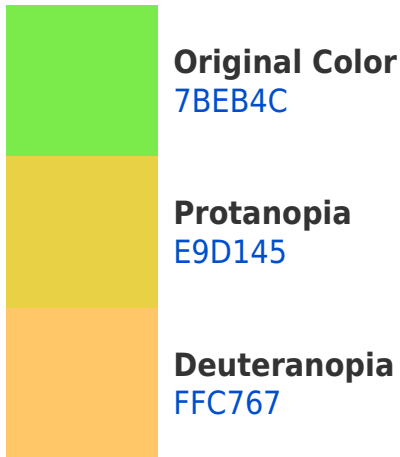


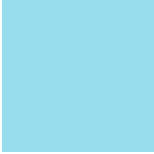
This preview shows how white text looks on a background with the Hex color 7BEB4C.

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
97DCED

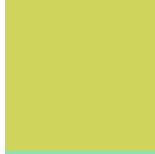
Trichromacy



Original Color
7BEB4C



Protanomaly
C1DA48



Deuteranomaly
CFD45D

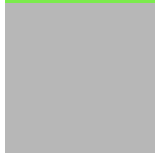


Tritanomaly
8DE1B2

Monochromacy



Original Color
7BEB4C



Achromatopsia
B7B7B7



Achromatomaly
A1CA90

CSS Examples

Text

The CSS property to change the color of the text to Hex 7BEB4C 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 #7BEB4C looks like.

```
.text, #text, p{  
    color:#7BEB4C  
}
```

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 #7BEB4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7BEB4C
}
```

Border

The CSS property to change the border of an element to Hex 7BEB4C 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
#7BEB4C }
```

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

```
.border{ border-color:#7BEB4C }
```

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

Here you see how a box with a 4 pixel #7BEB4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7BEB4C; -webkit-box-shadow:4px 4px  
4px 4px #7BEB4C; box-shadow:4px 4px 4px  
4px #7BEB4C }
```

Background

The CSS property to change the background color of an element to Hex 7BEB4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7BEB4C }
```

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

```
.background{ background-color:#7BEB4C }
```

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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