

Converting Colors

Hex(7AEB3A)

Have a look what the booklet for
Hex(7AEB3A) contains.

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Color

Hex(7AEB3A)

Conversions

Conversions Part 1

Format	Color
Hex	7AEB3A
RGB	122, 235, 58
RGB Percent	48%, 92%, 23%
CMY	0.5216, 0.0784, 0.7725
CMYK	0.48, 0.00, 0.75, 0.08
HSL	98°, 82%, 57%
HSV	98°, 75%, 92%
XYZ	38.4981, 63.8597, 14.3001
YIQ	181.0350, -10.5310, -79.0030

Conversions

Conversions Part 2

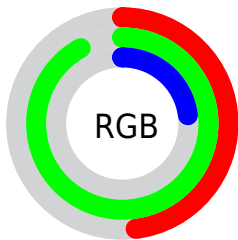
Format	Color
RYB	58, 235, 171
Decimal	8055610
CIELab	83.89, -60.63, 70.57
CIELCh	84, 93.034, 130.667
Yxy	63.8597, 0.3300, 0.5474
Android (android.graphics.Color)	4286245690 (0xFF7AEB3A)
YUV	181.0350, -60.6563, -51.7737
Hunter-Lab	79.9123, -53.8533, 45.3288

Details

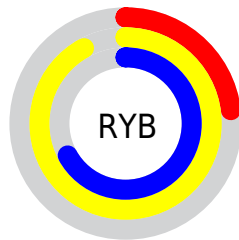
The Hex color **7AEB3A** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **AB3AEB**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B6FF75**, and **38B200** is the 20% darker color. If you saturate the color by 10%, you get **6BEB23**, and if you desaturate by 10%, it is **89EB52**.

Distribution



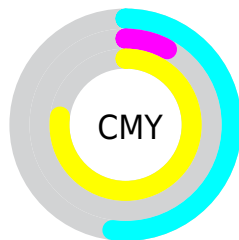
- Red (48%)
- Green (92%)
- Blue (23%)



- Red (23%)
- Yellow (92%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (75%)
- Black (8%)



- Cyan (52%)
- Magenta (8%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AEB3A 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 7AEB3A by changing the saturation by 10% instead.

 7AEB3A

 7AEB3A

FFFFFF

 5BCE13

 B6FF75

 38B200

 D5FF92

 009700

 F3FFAE

 007C00

 FFFF00

 006200

 FFFF00

 004900

 003200

 001600

 000000

 7AEB3A

 7AEB3A

 6BEB23

 89EB52

 5CEB0B

 98EB69

 55EB00

 A7EB81

 B6EB98

 C5EBB0

 D4EBC7

 E3EBDF

 F2EBF6

 FFEbff

Harmonies

Analogous

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



DDD700



7AEB3A



00F593

Triad

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



7AEB3A



00EAFF



FF73B6

Complementary

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



7AEB3A



AB3AEB

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.



FF81FF



7AEB3A



00D1FF

Square

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



7AEB3A



00F6FF



FBABFF



FF9062

Rectangle

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



7AEB3A



00F9D1



FBABFF



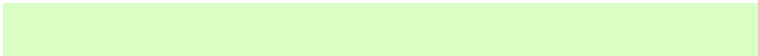
FF72D3

Sweetspot

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



7AEB3A



DAFFC4



EBAA3A



69805C



000000



808080

Same Dimension

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



7AEB3A



6CFF19



3AEB52



6E756A



41B500



133600

Inverse Universe

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



AB3AEB



AC19FF



EB3AD3



716A75



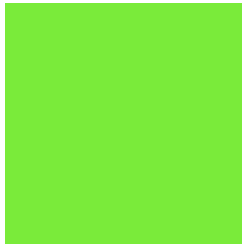
7400B5



220036

Previews

White Background



This preview shows how the Hex color 7AEB3A 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 7AEB3A 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

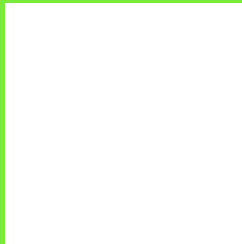
Any Text WCAG AAA ✓ Pass

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

Hex 7AEB3A Background



This preview shows how black text looks on a background with the Hex color 7AEB3A.

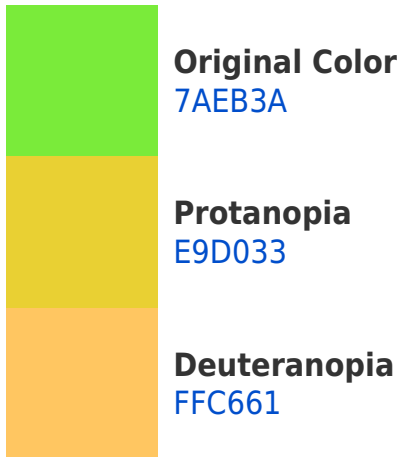


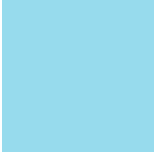
This preview shows how white text looks on a background with the Hex color 7AEB3A.

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
97DBED

Trichromacy



Original Color
7AEB3A



Protanomaly
C1DA36



Deuteranomaly
CFD353

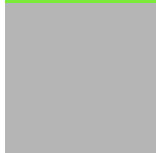


Tritanomaly
8CE1AC

Monochromacy



Original Color
7AEB3A



Achromatopsia
B5B5B5



Achromatomaly
A0C988

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AEB3A 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 #7AEB3A looks like.

```
.text, #text, p{  
    color:#7AEB3A  
}
```

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 #7AEB3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AEB3A
}
```

Border

The CSS property to change the border of an element to Hex 7AEB3A 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
#7AEB3A }
```

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

```
.border{ border-color:#7AEB3A }
```

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

Here you see how a box with a 4 pixel #7AEB3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AEB3A; -webkit-box-shadow:4px 4px  
4px 4px #7AEB3A; box-shadow:4px 4px 4px  
4px #7AEB3A }
```

Background

The CSS property to change the background color of an element to Hex 7AEB3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AEB3A }
```

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

```
.background{ background-color:#7AEB3A }
```

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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