

Converting Colors

Hex(7AE93B)

Have a look what the booklet for
Hex(7AE93B) contains.

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Color

Hex(7AE93B)

Conversions

Conversions Part 1

Format	Color
Hex	7AE93B
RGB	122, 233, 59
RGB Percent	48%, 91%, 23%
CMY	0.5216, 0.0863, 0.7686
CMYK	0.48, 0.00, 0.75, 0.09
HSL	98°, 80%, 57%
HSV	98°, 75%, 91%
XYZ	37.9544, 62.7312, 14.2456
YIQ	179.9750, -10.3020, -77.6460

Conversions

Conversions Part 2

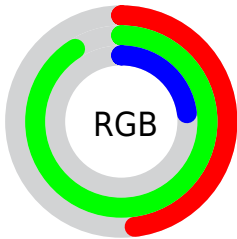
Format	Color
RYB	59, 233, 170
Decimal	8055099
CIELab	83.30, -59.83, 69.68
CIELCh	83, 91.836, 130.650
Yxy	62.7312, 0.3302, 0.5458
Android (android.graphics.Color)	4286245179 (0xFF7AE93B)
YUV	179.9750, -59.6407, -50.8441
Hunter-Lab	79.2030, -53.0674, 44.7781

Details

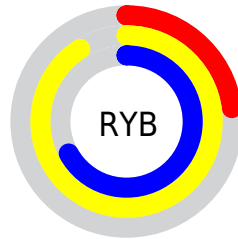
The Hex color **7AE93B** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **AA3BE9**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B6FF76**, and **39B000** is the 20% darker color. If you saturate the color by 10%, you get **6BE924**, and if you desaturate by 10%, it is **89E952**.

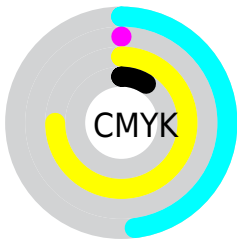
Distribution



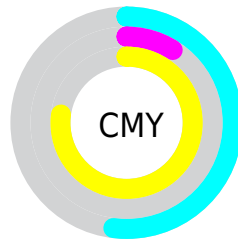
- Red (48%)
- Green (91%)
- Blue (23%)



- Red (23%)
- Yellow (91%)
- Blue (67%)



- Cyan (48%)
- Magenta (0%)
- Yellow (75%)
- Black (9%)



- Cyan (52%)
- Magenta (9%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE93B 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 7AE93B by changing the saturation by 10% instead.

 7AE93B

 7AE93B

FFFFFF

 5BCC15

 B6FF76

 39B000

 D4FF92

 009500

 F3FFAF

 007A00

 FFFFCC

 006000

 FFFFEE9

 004700

 003100

 001400

 000000

 7AE93B

 7AE93B

 6BE924

 89E952

 5CE90C

 98E96A

 54E900

 A7E981

 B5E998

 C4E9B0

 D3E9C7

 E2E9DE

 F1E9F5

 FFE9FF

Harmonies

Analogous

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



DBD500



7AE93B



00F393

Triad

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



7AE93B



00E8FF



FF73B4

Complementary

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



7AE93B



AA3BE9

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



7AE93B



00D0FF

Square

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



7AE93B



00F4FF



F9A AFF



FF8F62

Rectangle

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



7AE93B



00F6CF



F9AAFF



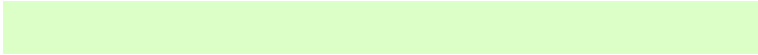
FF72D1

Sweetspot

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



7AE93B



DBFFC7



E9A93B



6A805E



000000



808080

Same Dimension

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



7AE93B



6DFF19



3BE952



6E756A



42B500



133600

Inverse Universe

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



AA3BE9



AC19FF



E93BD2



716A75



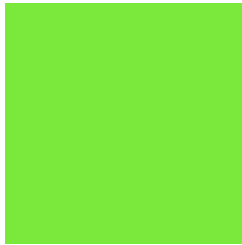
7300B5



220036

Previews

White Background



This preview shows how the Hex color 7AE93B looks on a white background.

Color Contrast Check

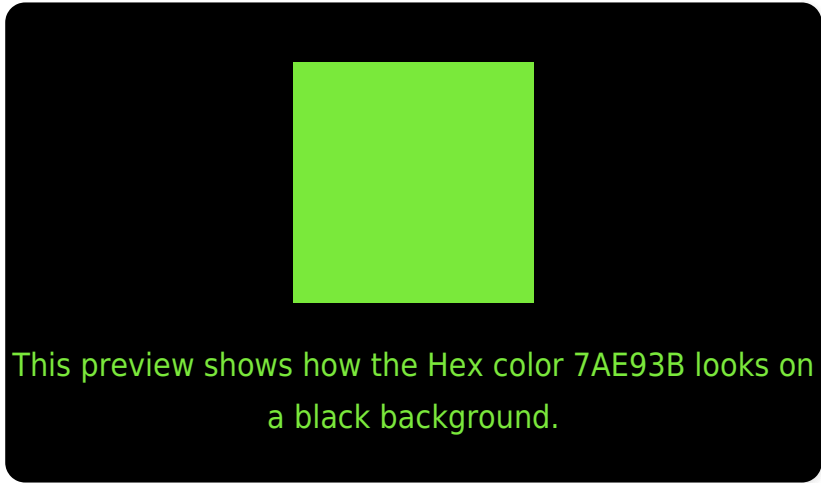
Large Text (above 18pt) WCAG AA × Fail

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 7AE93B Background



This preview shows how black text looks on a background with the Hex color 7AE93B.

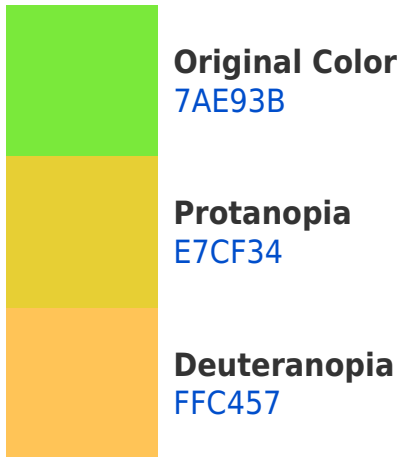


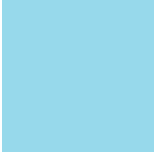
This preview shows how white text looks on a background with the Hex color 7AE93B.

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](#).

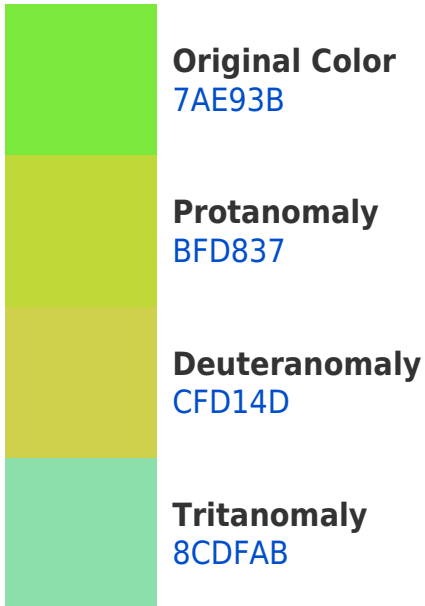
Dichromacy



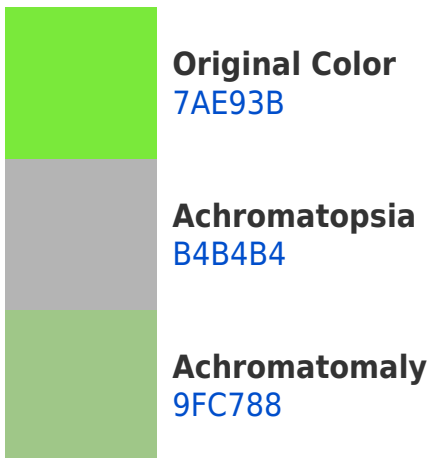


Tritanopia
97D9EB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE93B 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 #7AE93B looks like.

```
.text, #text, p{  
    color:#7AE93B  
}
```

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 #7AE93B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE93B
}
```

Border

The CSS property to change the border of an element to Hex 7AE93B 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
#7AE93B }
```

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

```
.border{ border-color:#7AE93B }
```

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

Here you see how a box with a 4 pixel #7AE93B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE93B; -webkit-box-shadow:4px 4px  
4px 4px #7AE93B; box-shadow:4px 4px 4px  
4px #7AE93B }
```

Background

The CSS property to change the background color of an element to Hex 7AE93B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE93B }
```

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

```
.background{ background-color:#7AE93B }
```

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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