

Converting Colors

Hex(7AE640)

Have a look what the booklet for
Hex(7AE640) contains.

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Color

Hex(7AE640)

Conversions

Conversions Part 1

Format	Color
Hex	7AE640
RGB	122, 230, 64
RGB Percent	48%, 90%, 25%
CMY	0.5216, 0.0980, 0.7490
CMYK	0.47, 0.00, 0.72, 0.10
HSL	99°, 77%, 58%
HSV	99°, 72%, 90%
XYZ	37.2483, 61.1014, 14.6810
YIQ	178.7840, -11.0820, -74.5220

Conversions

Conversions Part 2

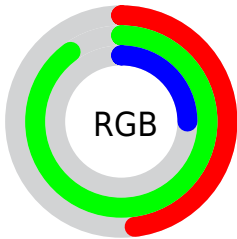
Format	Color
RYB	64, 230, 172
Decimal	8054336
CIELab	82.43, -58.38, 67.16
CIELCh	82, 88.987, 131.003
Yxy	61.1014, 0.3295, 0.5406
Android (android.graphics.Color)	4286244416 (0xFF7AE640)
YUV	178.7840, -56.5885, -49.7996
Hunter-Lab	78.1674, -51.7342, 43.5816

Details

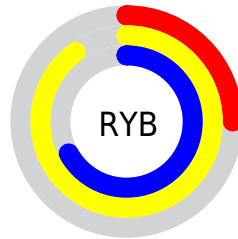
The Hex color **7AE640** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **AC40E6**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B6FF79**, and **3AAD00** is the 20% darker color. If you saturate the color by 10%, you get **6BE629**, and if you desaturate by 10%, it is **89E657**.

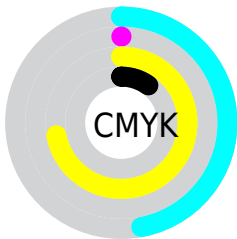
Distribution



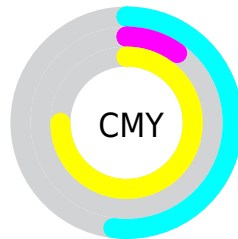
- Red (48%)
- Green (90%)
- Blue (25%)



- Red (25%)
- Yellow (90%)
- Blue (67%)



- Cyan (47%)
- Magenta (0%)
- Yellow (72%)
- Black (10%)



- Cyan (52%)
- Magenta (10%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE640 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 7AE640 by changing the saturation by 10% instead.

 7AE640

 7AE640

FFFFFF

 5BC91E

 B6FF79

 3AAD00

 D4FF96

 069200

 F2FFB2

 007800

 FFFFCE

 005E00

 FFFFEC

 004500

 002E00

 001000

 000000

 7AE640

 7AE640

 6BE629

 89E657

 5CE612

 98E66E

 50E600

 A7E685

 B6E69C

 C5E6B3

 D4E6CA

 E3E6E1

 F2E6F8

 FFE6FF

Harmonies

Analogous

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



D8D300



7AE640



00F093

Triad

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



7AE640



00E5FF



FF76B2

Complementary

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



7AE640



AC40E6

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.



FF82FF



7AE640



2CCDFE

Square

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



7AE640



00F1FF



F7A8FF



FF9063

Rectangle

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



7AE640



00F3CE



F7A8FF



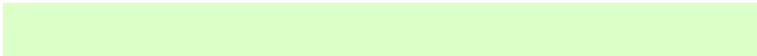
FF75CE

Sweetspot

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



7AE640



DBFFC7



E6AC40



6A805E



000000



808080

Same Dimension

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



7AE640



6FFF21



40E659



6B7367



3EB300



123300

Inverse Universe

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



AC40E6



B121FF



E640CD



6F6773



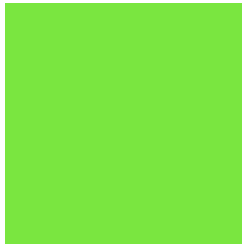
7400B3



210033

Previews

White Background



This preview shows how the Hex color 7AE640 looks on a white background.

Color Contrast Check

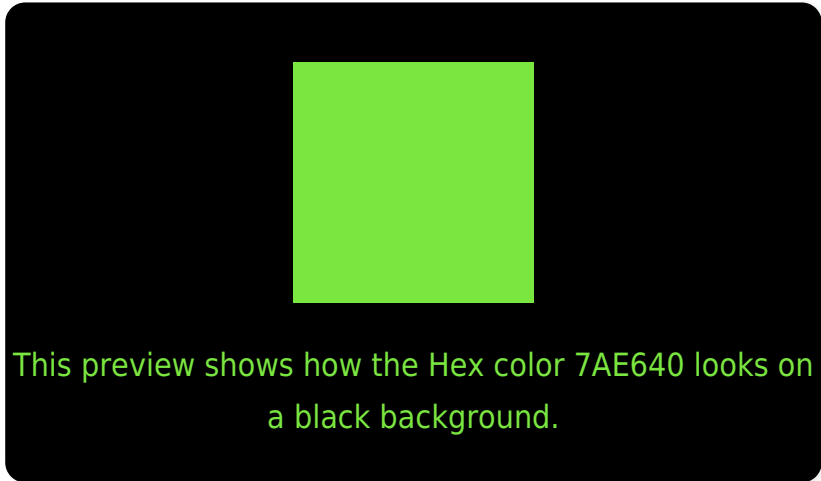
Large Text (above 18pt) WCAG AA × Fail

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

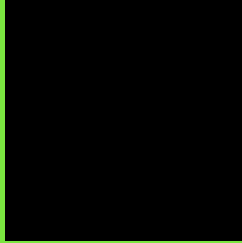
Any Text WCAG AA ✓ Pass

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 7AE640 Background



This preview shows how black text looks on a background with the Hex color 7AE640.

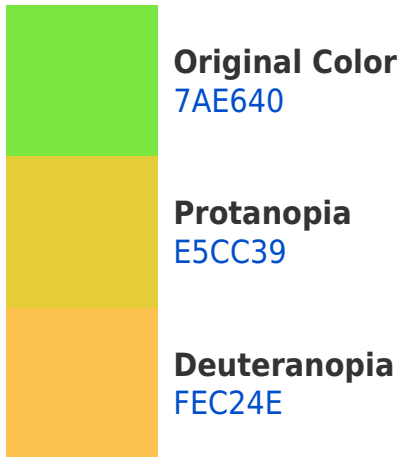


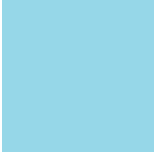
This preview shows how white text looks on a background with the Hex color 7AE640.

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
96D7E8

Trichromacy



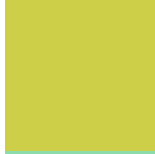
Original Color

7AE640



Protanomaly

BED53C



Deuteranomaly

CECF49



Tritanomaly

8CDCAB

Monochromacy



Original Color

7AE640



Achromatopsia

B3B3B3



Achromatomaly

9EC689

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE640 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 #7AE640 looks like.

```
.text, #text, p{  
    color:#7AE640  
}
```

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 #7AE640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE640
}
```

Border

The CSS property to change the border of an element to Hex 7AE640 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
#7AE640 }
```

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

```
.border{ border-color:#7AE640 }
```

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

Here you see how a box with a 4 pixel #7AE640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE640; -webkit-box-shadow:4px 4px  
4px 4px #7AE640; box-shadow:4px 4px 4px  
4px #7AE640 }
```

Background

The CSS property to change the background color of an element to Hex 7AE640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE640 }
```

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

```
.background{ background-color:#7AE640 }
```

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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