

Converting Colors

Hex(7AE244)

Have a look what the booklet for
Hex(7AE244) contains.

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Color

Hex(7AE244)

Conversions

Conversions Part 1

Format	Color
Hex	7AE244
RGB	122, 226, 68
RGB Percent	48%, 89%, 27%
CMY	0.5216, 0.1137, 0.7333
CMYK	0.46, 0.00, 0.70, 0.11
HSL	99°, 73%, 58%
HSV	99°, 70%, 89%
XYZ	36.2658, 58.9476, 14.9355
YIQ	176.8920, -11.2660, -71.1860

Conversions

Conversions Part 2

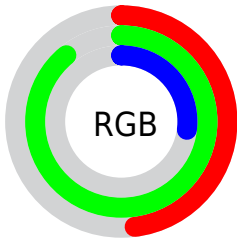
Format	Color
RYB	68, 226, 172
Decimal	8053316
CIELab	81.26, -56.58, 64.55
CIELCh	81, 85.839, 131.238
Yxy	58.9476, 0.3292, 0.5352
Android (android.graphics.Color)	4286243396 (0xFF7AE244)
YUV	176.8920, -53.6838, -48.1403
Hunter-Lab	76.7774, -50.0459, 42.2105

Details

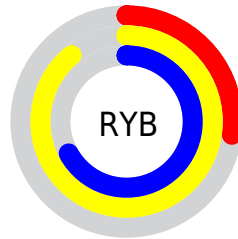
The Hex color **7AE244** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **AC44E2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **B5FF7C**, and **3BAA00** is the 20% darker color. If you saturate the color by 10%, you get **6BE22D**, and if you desaturate by 10%, it is **89E25B**.

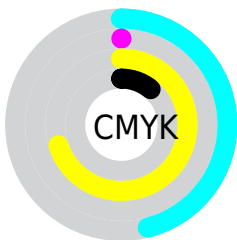
Distribution



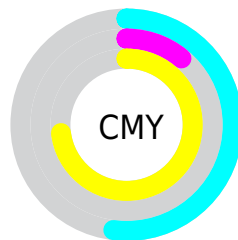
- Red (48%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (67%)



- Cyan (46%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (52%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7AE244 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 7AE244 by changing the saturation by 10% instead.

 7AE244

 7AE244

FFFFFF

 5CC625

 B5FF7C

 3BAA00

 D3FF98

 0D8F00

 F1FFB5

 007400

 FFFFD2

 005A00

 FFFFEF

 004200

 002B00

 000900

 000000

 7AE244

 7AE244

 6BE22D

 89E25B

 5CE217

 98E271

 4DE200

 A7E288

 B6E29E

 C4E2B5

 D3E2CC

 E2E2E2

 F1E2F9

 FFE2FF

Harmonies

Analogous

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



D4D000



7AE244



00EC93

Triad

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



7AE244



00E1FF



FF77AF

Complementary

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



7AE244



AC44E2

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



7AE244



40C9FF

Square

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



7AE244



00ECFF



F3A6FF



FF9063

Rectangle

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



7AE244



00EFCB



F3A6FF



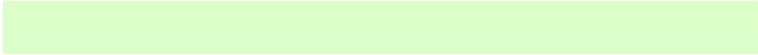
FF76CA

Sweetspot

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



7AE244



DCFFC9



E2AB44



6B8060



000000



808080

Same Dimension

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



7AE244



72FF29



44E25C



697065



3CB000



113000

Inverse Universe

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



AC44E2



B629FF



E244CA



6C6570



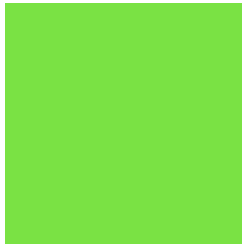
7400B0



200030

Previews

White Background



This preview shows how the Hex color 7AE244 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 7AE244 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 7AE244 Background



This preview shows how black text looks on a background with the Hex color 7AE244.

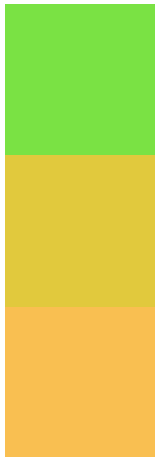


This preview shows how white text looks on a background with the Hex color 7AE244.

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](#).

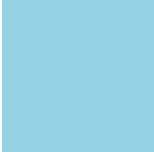
Dichromacy



Original Color
7AE244

Protanopia
E1C93D

Deuteranopia
F9BF51



Tritanopia
95D3E4

Trichromacy



Original Color

7AE244



Protanomaly

BCD240



Deuteranomaly

CBCC4C



Tritanomaly

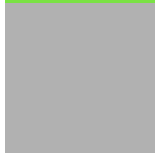
8BD8AA

Monochromacy



Original Color

7AE244



Achromatopsia

B1B1B1



Achromatomaly

9DC389

CSS Examples

Text

The CSS property to change the color of the text to Hex 7AE244 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 #7AE244 looks like.

```
.text, #text, p{  
    color:#7AE244  
}
```

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 #7AE244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7AE244
}
```

Border

The CSS property to change the border of an element to Hex 7AE244 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
#7AE244 }
```

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

```
.border{ border-color:#7AE244 }
```

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

Here you see how a box with a 4 pixel #7AE244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7AE244; -webkit-box-shadow:4px 4px  
4px 4px #7AE244; box-shadow:4px 4px 4px  
4px #7AE244 }
```

Background

The CSS property to change the background color of an element to Hex 7AE244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7AE244 }
```

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

```
.background{ background-color:#7AE244 }
```

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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