

Converting Colors

Hex(ACE244)

Have a look what the booklet for
Hex(ACE244) contains.

Hex(ACE244)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(ACE244)

Conversions

Conversions Part 1

Format	Color
Hex	ACE244
RGB	172, 226, 68
RGB Percent	67%, 89%, 27%
CMY	0.3255, 0.1137, 0.7333
CMYK	0.24, 0.00, 0.70, 0.11
HSL	81°, 73%, 58%
HSV	81°, 70%, 89%
XYZ	45.2530, 63.5807, 15.3561
YIQ	191.8420, 18.5340, -60.5860

Conversions

Conversions Part 2

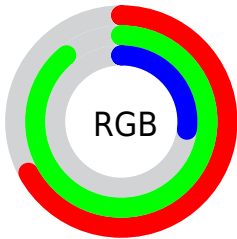
Format	Color
RYB	68, 226, 122
Decimal	11330116
CIELab	83.75, -39.52, 67.87
CIELCh	84, 78.539, 120.209
Yxy	63.5807, 0.3644, 0.5120
Android (android.graphics.Color)	4289520196 (0xFFACE244)
YUV	191.8420, -61.0541, -17.4014
Hunter-Lab	79.7375, -38.2375, 44.3980

Details

The Hex color **ACE244** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **7A44E2**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E7FF7D**, and **73AA00** is the 20% darker color. If you saturate the color by 10%, you get **A4E22D**, and if you desaturate by 10%, it is **B4E25B**.

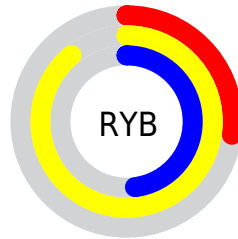
Distribution



Red (67%)

Green (89%)

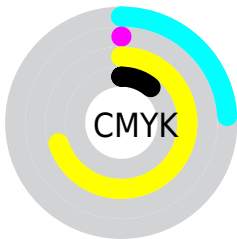
Blue (27%)



Red (27%)

Yellow (89%)

Blue (48%)

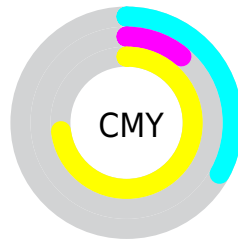


Cyan (24%)

Magenta (0%)

Yellow (70%)

Black (11%)



Cyan (33%)

Magenta (11%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACE244 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 ACE244 by changing the saturation by 10% instead.

 ACE244

 ACE244

FFFFFF

 8FC624

 E7FF7D

 73AA00

 FFFF99

 579000

 FFFFB5

 3A7600

 FFFF D2

 1A5D00

 FFFFF0

 004400

 002E00

 001600

 000000

 ACE244

 ACE244

 A4E22D

 B4E25B

 9DE217

 BBE271

 95E200

 C3E288

 CBE29E

 D3E2B5

 DAE2CC

 E2E2E2

 EAE2F9

 F2E2FF

Harmonies

Analogous

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



F6CD28



ACE244



30EE83

Triad

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



ACE244



00EBFF



FF8AD3

Complementary

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



ACE244



7A44E2

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.



FF9DFF



ACE244



00D9FF

Square

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



ACE244



00F3FF



D1BDFF



FF948B

Rectangle

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



ACE244



00F3B5



D1BDFF



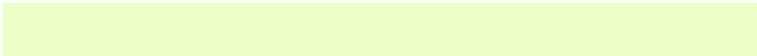
FF8DEC

Sweetspot

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



ACE244



EDFFC9



E27944



758060



000000



808080

Same Dimension

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



ACE244



B6FF29



5EE244



6C7065



74B000



203000

Inverse Universe

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



7A44E2



7229FF



C844E2



696570



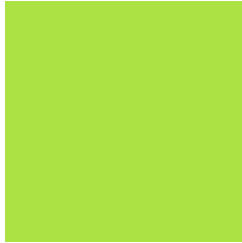
3C00B0



110030

Previews

White Background



This preview shows how the Hex color ACE244 looks on a white background.

Color Contrast Check

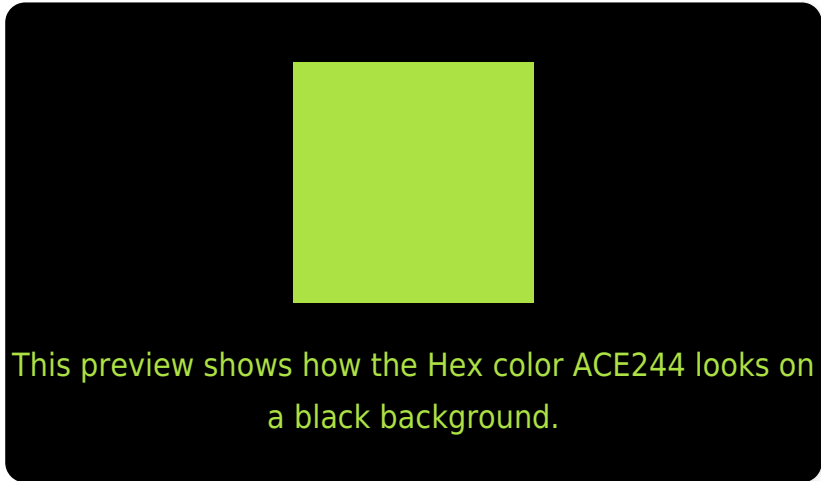
Large Text (above 18pt) WCAG AA × Fail

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 ACE244 Background



This preview shows how black text looks on a background with the Hex color ACE244.

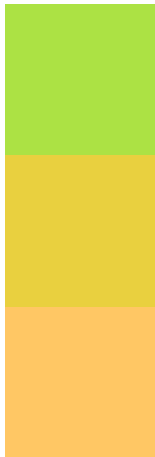


This preview shows how white text looks on a background with the Hex color ACE244.

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
ACE244

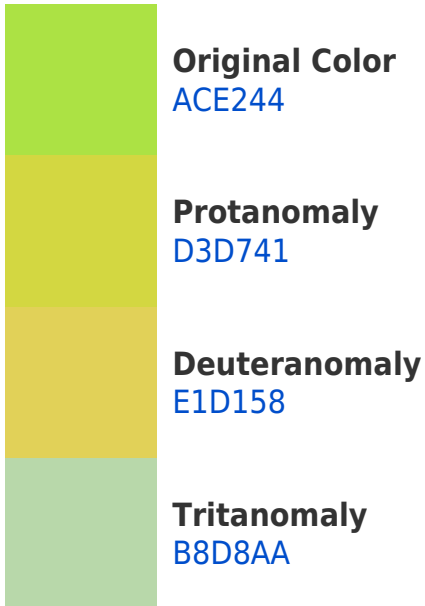
Protanopia
E9D03F

Deuteranopia
FFC764

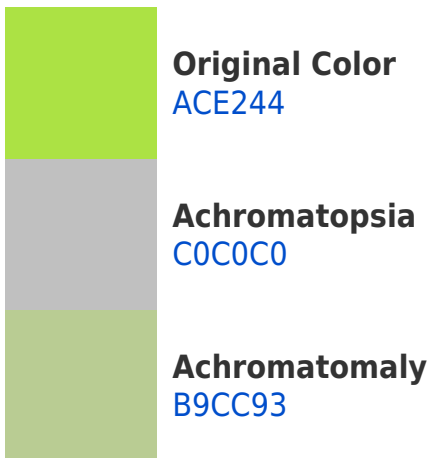


Tritanopia
BFD3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACE244 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 #ACE244 looks like.

```
.text, #text, p{  
    color:#ACE244  
}
```

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 #ACE244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACE244
}
```

Border

The CSS property to change the border of an element to Hex ACE244 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
#ACE244 }
```

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

```
.border{ border-color:#ACE244 }
```

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

Here you see how a box with a 4 pixel #ACE244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACE244; -webkit-box-shadow:4px 4px  
4px 4px #ACE244; box-shadow:4px 4px 4px  
4px #ACE244 }
```

Background

The CSS property to change the background color of an element to Hex ACE244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACE244 }
```

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

```
.background{ background-color:#ACE244 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor