

Converting Colors

Hex(ACEA75)

Have a look what the booklet for
Hex(ACEA75) contains.

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Color

Hex(ACEA75)

Conversions

Conversions Part 1

Format	Color
Hex	ACEA75
RGB	172, 234, 117
RGB Percent	67%, 92%, 46%
CMY	0.3255, 0.0824, 0.5412
CMYK	0.26, 0.00, 0.50, 0.08
HSL	92°, 74%, 69%
HSV	92°, 50%, 92%
XYZ	49.6470, 68.9006, 27.5121
YIQ	202.1240, 0.6050, -49.5310

Conversions

Conversions Part 2

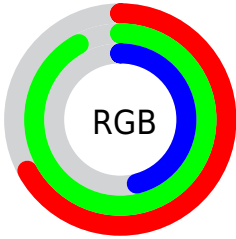
Format	Color
RYB	117, 234, 179
Decimal	11332213
CIELab	86.45, -38.94, 50.21
CIElCh	86, 63.538, 127.798
Yxy	68.9006, 0.3399, 0.4717
Android (android.graphics.Color)	4289522293 (0xFFACEA75)
YUV	202.1240, -41.9661, -26.4187
Hunter-Lab	83.0064, -38.4986, 38.4531

Details

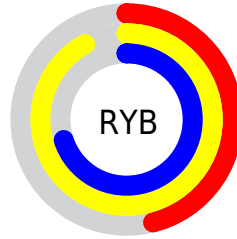
The Hex color **ACEA75** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B375EA**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E6FFAB**, and **74B240** is the 20% darker color. If you saturate the color by 10%, you get **A0EA5E**, and if you desaturate by 10%, it is **B8EA8C**.

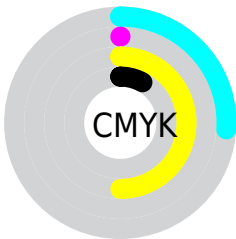
Distribution



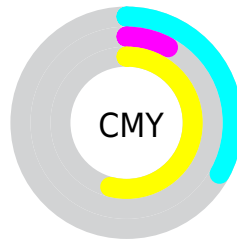
- Red (67%)
- Green (92%)
- Blue (46%)



- Red (46%)
- Yellow (92%)
- Blue (70%)



- Cyan (26%)
- Magenta (0%)
- Yellow (50%)
- Black (8%)



- Cyan (33%)
- Magenta (8%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACEA75 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 ACEA75 by changing the saturation by 10% instead.

 ACEA75

 ACEA75

FFFFFF

 90CE5B

 E6FFAB

 74B240

 FFFFC7

 599726

 FFFFE4

 3E7D02

 216300

 004B00

 003300

 001F00

 000000

 ACEA75

 ACEA75

 A0EA5E

 B8EA8C

 93EA46

 C5EAA4

 87EA2F

 D1EABB

 7AEA17

 DEEAD3

 6EEA00

 EAEAEA

 F6EAFF

 FFEAFF

Harmonies

Analogous

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



ECDA5B



ACEA75



51F3A9

Triad

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



ACEA75



00EBFF



FFA4CB

Complementary

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



ACEA75



B375EA

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.



FFACFF



ACEA75



8BDAFF

Square

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



ACEA75



00F4FF



F1C2FF



FFAF92

Rectangle

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



ACEA75



00F6D2



F1C2FF



FFA5DF

Sweetspot

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



ACEA75



EBFFD9



EAB175



738069



000000



808080

Same Dimension

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



ACEA75



AEFF66



75EA77



6F756A



55B500



193600

Inverse Universe

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



B375EA



B766FF



EA75E8



706A75



6000B5



1C0036

Previews

White Background



This preview shows how the Hex color ACEA75 looks on a white background.

Color Contrast Check

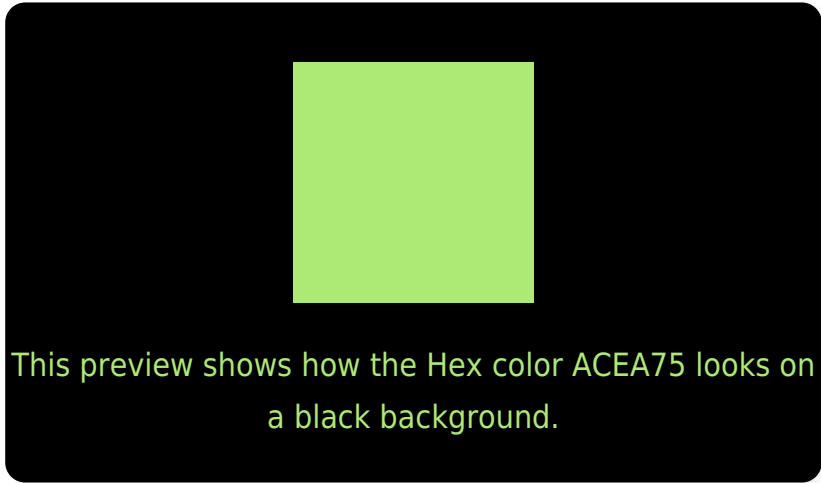
Large Text (above 18pt) WCAG AA × Fail

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 ACEA75 Background



This preview shows how black text looks on a background with the Hex color ACEA75.

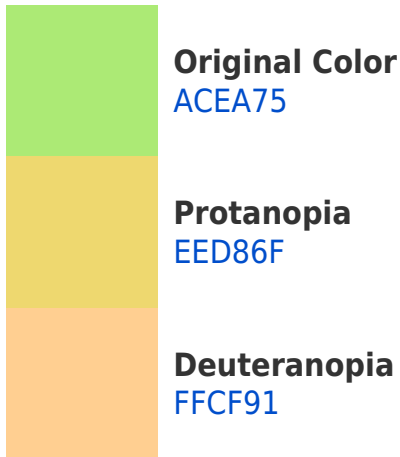


This preview shows how white text looks on a background with the Hex color ACEA75.

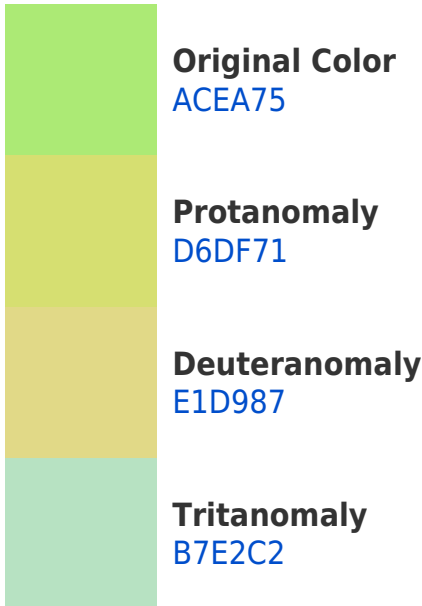
Color Blindness Simulation

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](#).

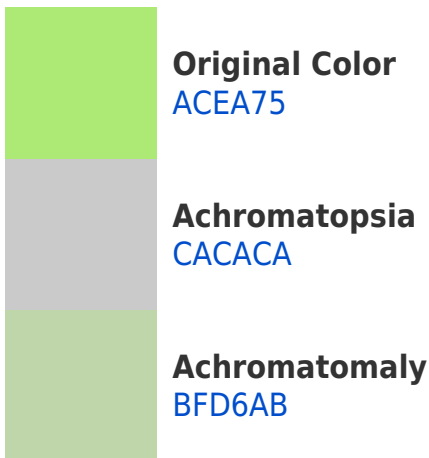
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACEA75 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 #ACEA75 looks like.

```
.text, #text, p{  
    color:#ACEA75  
}
```

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 #ACEA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACEA75
}
```

Border

The CSS property to change the border of an element to Hex ACEA75 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
#ACEA75 }
```

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

```
.border{ border-color:#ACEA75 }
```

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

Here you see how a box with a 4 pixel #ACEA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACEA75; -webkit-box-shadow:4px 4px  
4px 4px #ACEA75; box-shadow:4px 4px 4px  
4px #ACEA75 }
```

Background

The CSS property to change the background color of an element to Hex ACEA75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACEA75 }
```

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

```
.background{ background-color:#ACEA75 }
```

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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