

Converting Colors

Hex(ACC727)

Have a look what the booklet for
Hex(ACC727) contains.

Hex(ACC727)	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(ACC727)

Conversions

Conversions Part 1

Format	Color
Hex	ACC727
RGB	172, 199, 39
RGB Percent	67%, 78%, 15%
CMY	0.3255, 0.2196, 0.8471
CMYK	0.14, 0.00, 0.80, 0.22
HSL	70°, 67%, 47%
HSV	70°, 80%, 78%
XYZ	37.8029, 49.7640, 9.5324
YIQ	172.6870, 35.2680, -55.4840

Conversions

Conversions Part 2

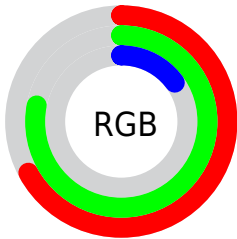
Format	Color
R _Y B	39, 199, 66
Decimal	11323175
CIE Lab	75.92, -28.52, 69.68
CIE LCh	76, 75.294, 112.259
Yxy	49.7640, 0.3893, 0.5125
Android (android.graphics.Color)	4289513255 (0xFFACC727)
YUV	172.6870, -65.9077, -0.6025
Hunter-Lab	70.5436, -27.7967, 41.3688

Details

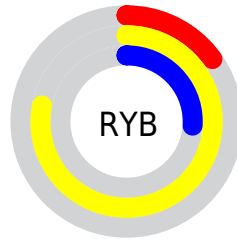
The Hex color **ACC727** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **4227C7**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E7FF63**, and **739100** is the 20% darker color. If you saturate the color by 10%, you get **A9C713**, and if you desaturate by 10%, it is **AFC73B**.

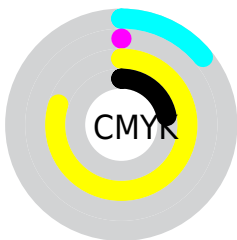
Distribution



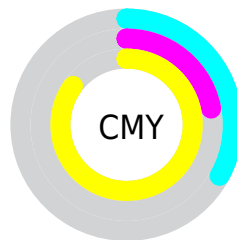
- Red (67%)
- Green (78%)
- Blue (15%)



- Red (15%)
- Yellow (78%)
- Blue (26%)



- Cyan (14%)
- Magenta (0%)
- Yellow (80%)
- Black (22%)



- Cyan (33%)
- Magenta (22%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC727 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 ACC727 by changing the saturation by 10% instead.

 ACC727

 ACC727

FFFFFF

 8FAC00

 E7FF63

 739100

 FFFF80

 587700

 FFFF9C

 3C5F00

 FFFFB8

 204700

 FFFFD5

 003000

 FFFFF3

 001D00

 000000

 ACC727

 ACC727

 A9C713

 AFC73B

 A5C700

 B3C74F

 B6C763

 B9C777

 BDC78B

 C0C79E

 C4C7B2

 C7C7C6

 CAC7DA

Harmonies

Analogous

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



EDB11C



ACC727



4FD461

Triad

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



ACC727



00D6FF



FF79D0

Complementary

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



ACC727



4227C7

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.



FE91FF



ACC727



00C9FF

Square

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



ACC727



00DCEE



99B0FF



FF7C8B

Rectangle

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



ACC727



00D98E



99B0FF



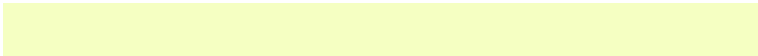
FF7FE7

Sweetspot

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



ACC727



F5FFC2



C74227



79805B



000000



808080

Same Dimension

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



ACC727



D6FF0A



5CC727



62635A



88A300



1E2400

Inverse Universe

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



4227C7



340AFF



9227C7



5B5A63



1C00A3



060024

Previews

White Background



This preview shows how the Hex color ACC727 looks on a white background.

Color Contrast Check

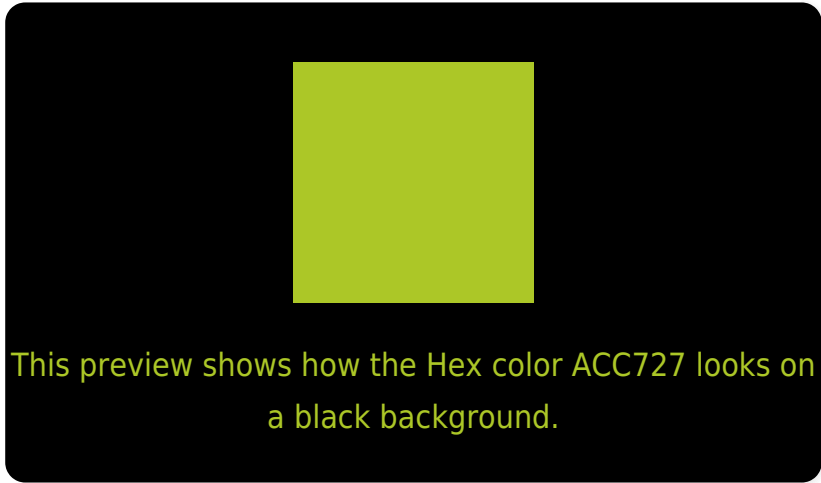
Large Text (above 18pt) WCAG AA × Fail

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 ACC727 Background



This preview shows how black text looks on a background with the Hex color ACC727.

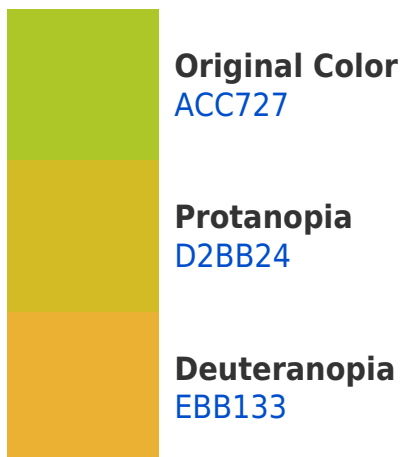


This preview shows how white text looks on a background with the Hex color ACC727.

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](#).

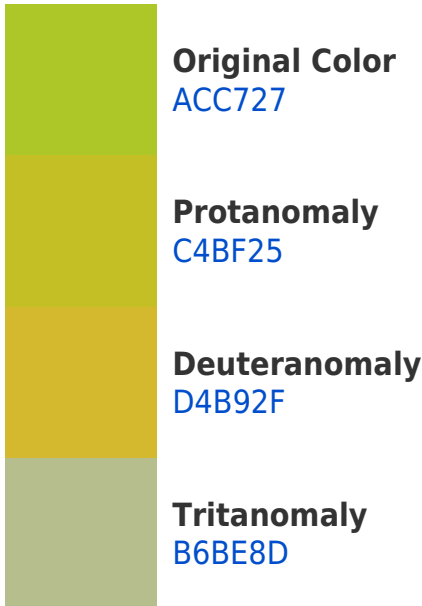
Dichromacy



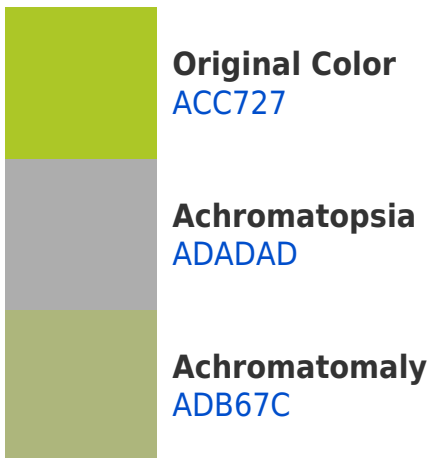


Tritanopia
BBB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACC727 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 #ACC727 looks like.

```
.text, #text, p{  
    color:#ACC727  
}
```

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 #ACC727 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC727
}
```

Border

The CSS property to change the border of an element to Hex ACC727 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
#ACC727 }
```

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

```
.border{ border-color:#ACC727 }
```

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

Here you see how a box with a 4 pixel #ACC727 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC727; -webkit-box-shadow:4px 4px  
4px 4px #ACC727; box-shadow:4px 4px 4px  
4px #ACC727 }
```

Background

The CSS property to change the background color of an element to Hex ACC727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC727 }
```

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

```
.background{ background-color:#ACC727 }
```

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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