

# Converting Colors

Hex(ACC427)

Have a look what the booklet for  
Hex(ACC427) contains.

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**Color**

**Hex(ACC427)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACC427
RGB	172, 196, 39
RGB Percent	67%, 77%, 15%
CMY	0.3255, 0.2314, 0.8471
CMYK	0.12, 0.00, 0.80, 0.23
HSL	69°, 67%, 46%
HSV	69°, 80%, 77%
XYZ	37.1194, 48.3970, 9.3046
YIQ	170.9260, 36.0930, -53.9150

# Conversions

## Conversions Part 2

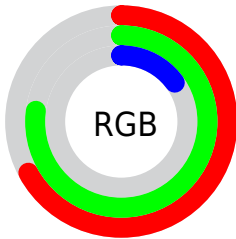
Format	Color
<b>RYB</b>	39, 196, 63
Decimal	11322407
CIELab	75.07, -27.09, 68.93
CIELCh	75, 74.063, 111.453
Yxy	48.3970, 0.3915, 0.5104
Android (android.graphics.Color)	4289512487 (0xFFACC427)
YUV	170.9260, -65.0395, 0.9419
Hunter-Lab	69.5679, -26.5016, 40.7676

# Details

The Hex color **ACC427** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted chartreuse. A complement of this color would be **3F27C4**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **E7FD63**, and **738E00** is the 20% darker color. If you saturate the color by 10%, you get **A9C413**, and if you desaturate by 10%, it is **AFC43B**.

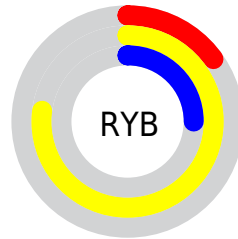
# Distribution



Red (67%)

Green (77%)

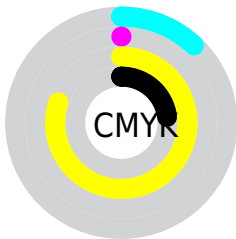
Blue (15%)



Red (15%)

Yellow (77%)

Blue (25%)

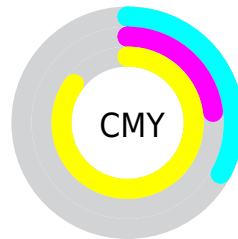


Cyan (12%)

Magenta (0%)

Yellow (80%)

Black (23%)



Cyan (33%)

Magenta (23%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ACC427 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 ACC427 by changing the saturation by 10% instead.



 ACC427

 ACC427

FFFFFF

 8FA900

 E7FD63

 738E00

 FFFF7F

 587500

 FFFF9B

 3D5C00

 FFFFB8

 214400

 FFFFD5

 022E00

 FFFFF2

 001A00

 000000

 ACC427

 ACC427

 A9C413

 AFC43B

 A6C400

 B2C44E

 B5C462

 B8C475

 BBC489

 BEC49D

 C1C4B0

 C4C4C4

 C7C4D7

# Harmonies

## Analogous

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



ECAF1F



ACC427



53D15F

# Triad

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



ACC427



00D4FF



FF79CF

# Complementary

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



ACC427



3F27C4

# 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.



F891FF



ACC427



00C6FF

# Square

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



ACC427



00D9E9



94AFFF



FF7A8B

# Rectangle

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



ACC427



00D68B



94AFFF



FF7FE6

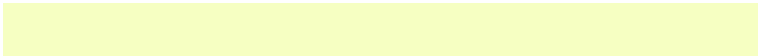


# Sweetspot

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



ACC427



F6FFC2



C43F27



7A805B



000000



808080



# Same Dimension

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



ACC427



DAFF0A



5EC427



5F6157



88A100



1C2100



# Inverse Universe

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



3F27C4



300AFF



8D27C4



595761



1900A1



050021



# Previews

## White Background



This preview shows how the Hex color ACC427 looks on a white background.

## Color Contrast Check

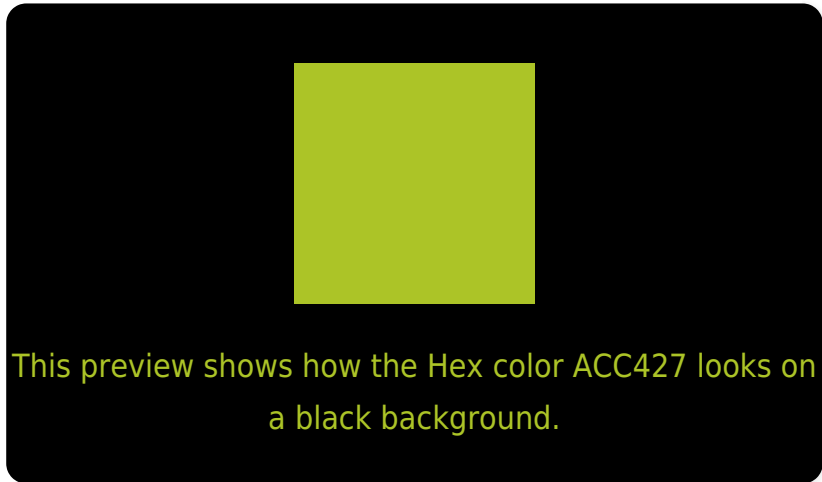
Large Text (above 18pt) WCAG AA × Fail

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 ACC427 Background



This preview shows how black text looks on a background with the Hex color ACC427.



This preview shows how white text looks on a background with the Hex color ACC427.

# 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**  
ACC427

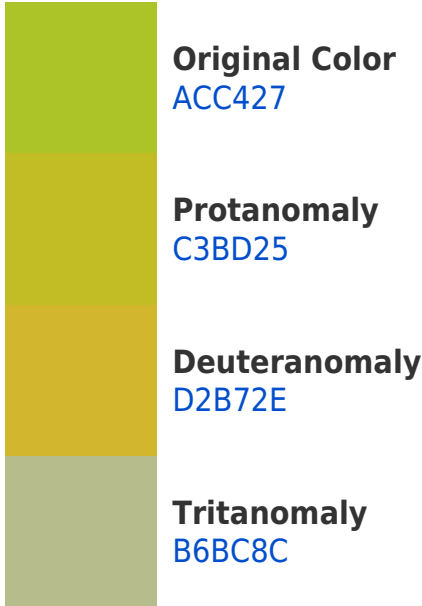
**Protanopia**  
D0B924

**Deuteranopia**  
E8AF32

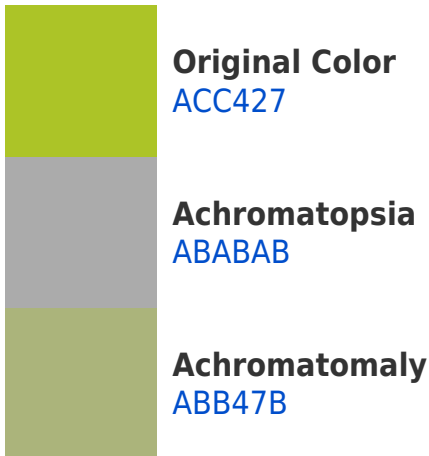


**Tritanopia**  
BBB7C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ACC427 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 #ACC427 looks like.

```
.text, #text, p{  
    color:#ACC427  
}
```

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 #ACC427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC427
}
```

## Border

The CSS property to change the border of an element to Hex ACC427 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
#ACC427 }
```

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

```
.border{ border-color:#ACC427 }
```

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

Here you see how a box with a 4 pixel #ACC427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC427; -webkit-box-shadow:4px 4px  
4px 4px #ACC427; box-shadow:4px 4px 4px  
4px #ACC427 }
```

# Background

The CSS property to change the background color of an element to Hex ACC427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC427 }
```

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

```
.background{ background-color:#ACC427 }
```

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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