

Converting Colors

Hex(ACC763)

Have a look what the booklet for
Hex(ACC763) contains.

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Color

Hex(ACC763)

Conversions

Conversions Part 1

Format	Color
Hex	ACC763
RGB	172, 199, 99
RGB Percent	67%, 78%, 39%
CMY	0.3255, 0.2196, 0.6118
CMYK	0.14, 0.00, 0.50, 0.22
HSL	76°, 47%, 58%
HSV	76°, 50%, 78%
XYZ	39.6888, 50.5184, 19.4636
YIQ	179.5270, 16.0080, -36.8240

Conversions

Conversions Part 2

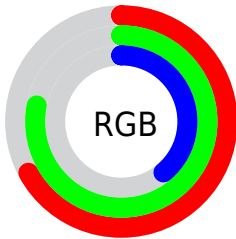
Format	Color
RYB	99, 199, 126
Decimal	11323235
CIELab	76.39, -24.50, 46.62
CIElCh	76, 52.667, 117.718
Yxy	50.5184, 0.3619, 0.4606
Android (android.graphics.Color)	4289513315 (0xFFACC763)
YUV	179.5270, -39.6998, -6.6012
Hunter-Lab	71.0763, -24.7095, 33.5174

Details

The Hex color **ACC763** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **7E63C7**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **E5FF98**, and **769130** is the 20% darker color. If you saturate the color by 10%, you get **A7C74F**, and if you desaturate by 10%, it is **B1C777**.

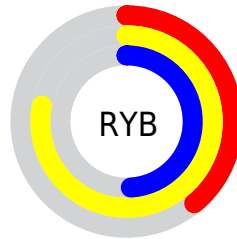
Distribution



Red (67%)

Green (78%)

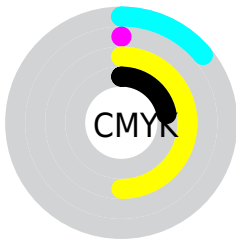
Blue (39%)



Red (39%)

Yellow (78%)

Blue (49%)

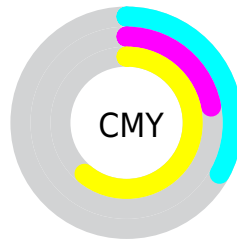


Cyan (14%)

Magenta (0%)

Yellow (50%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACC763 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 ACC763 by changing the saturation by 10% instead.

 ACC763

 ACC763

FFFFFF

 90AC49

 E5FF98

 769130

 FFFFB3

 5B7714

 FFFF00

 425E00

 FFFFEC

 294700

 0D3000

 001D00

 000000

 ACC763

 ACC763

 A7C74F

 B1C777

 A1C73B

 B7C78B

 9CC727

 BCC79F

 97C713

 C1C7B3

 91C700

 C7C7C7

 CCC7DA

 D2C7EE

 D7C7FF

 DCC7FF

Harmonies

Analogous

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



DDB858



ACC763



70D186

Triad

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



ACC763



00CFFF



FF94C2

Complementary

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



ACC763



7E63C7

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.



F59FF1



ACC763



5DC3FF

Square

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



ACC763



00D5E8



BAB1FF



FF9892

Rectangle

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



ACC763



31D4A6



BAB1FF



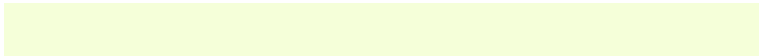
FF96D3

Sweetspot

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



ACC763



F5FFD9



C77E63



798069



000000



808080

Same Dimension

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



ACC763



D6FF66



7AC763



61635A



77A300



1A2400

Inverse Universe

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



7E63C7



8F66FF



B063C7



5C5A63



2C00A3



0A0024

Previews

White Background



This preview shows how the Hex color ACC763 looks on a white background.

Color Contrast Check

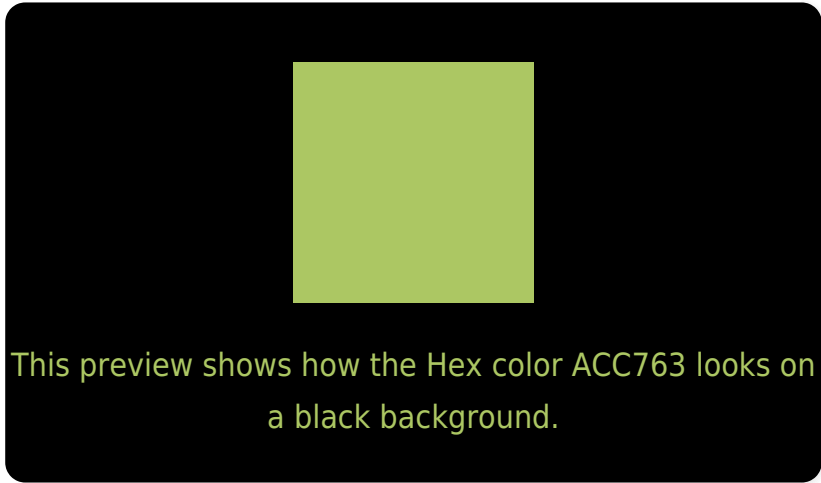
Large Text (above 18pt) WCAG AA × Fail

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

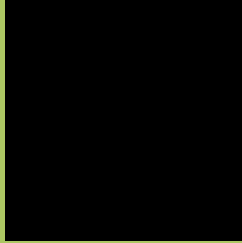
Any Text WCAG AA ✓ Pass

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 ACC763 Background



This preview shows how black text looks on a background with the Hex color ACC763.

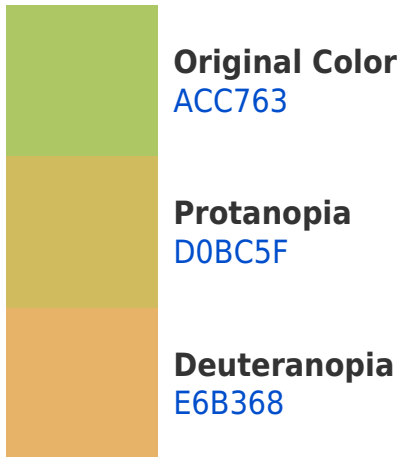


This preview shows how white text looks on a background with the Hex color ACC763.

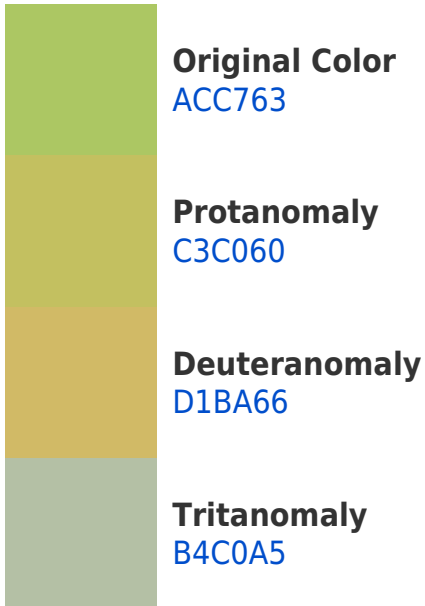
Color Blindness Simulation

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](#).

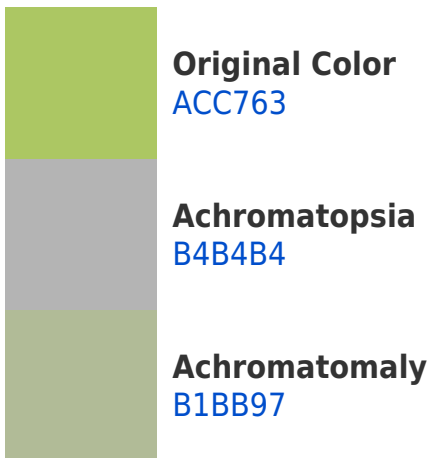
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACC763 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 #ACC763 looks like.

```
.text, #text, p{  
    color:#ACC763  
}
```

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 #ACC763 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACC763
}
```

Border

The CSS property to change the border of an element to Hex ACC763 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
#ACC763 }
```

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

```
.border{ border-color:#ACC763 }
```

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

Here you see how a box with a 4 pixel #ACC763 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACC763; -webkit-box-shadow:4px 4px  
4px 4px #ACC763; box-shadow:4px 4px 4px  
4px #ACC763 }
```

Background

The CSS property to change the background color of an element to Hex ACC763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACC763 }
```

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

```
.background{ background-color:#ACC763 }
```

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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