

Converting Colors

Hex(ACCA5D)

Have a look what the booklet for
Hex(ACCA5D) contains.

Hex(ACCA5D)	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(**ACCA5D**)

Conversions

Conversions Part 1

Format	Color
Hex	ACCA5D
RGB	172, 202, 93
RGB Percent	67%, 79%, 36%
CMY	0.3255, 0.2078, 0.6353
CMYK	0.15, 0.00, 0.54, 0.21
HSL	77°, 51%, 58%
HSV	77°, 54%, 79%
XYZ	40.1096, 51.8020, 18.2407
YIQ	180.6040, 17.1090, -40.2590

Conversions

Conversions Part 2

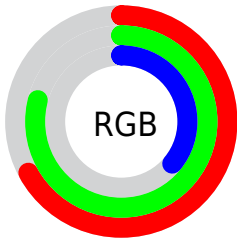
Format	Color
RYB	93, 202, 123
Decimal	11323997
CIELab	77.16, -26.53, 50.37
CIELCh	77, 56.929, 117.771
Yxy	51.8020, 0.3641, 0.4703
Android (android.graphics.Color)	4289514077 (0xFFACCA5D)
YUV	180.6040, -43.1888, -7.5457
Hunter-Lab	71.9736, -26.4791, 35.3553

Details

The Hex color **ACCA5D** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7B5DCA**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **E5FF92**, and **759428** is the 20% darker color. If you saturate the color by 10%, you get **A6CA49**, and if you desaturate by 10%, it is **B2CA71**.

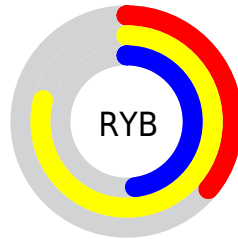
Distribution



Red (67%)

Green (79%)

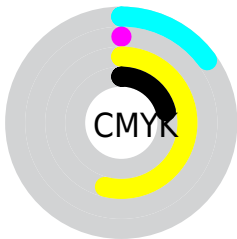
Blue (36%)



Red (36%)

Yellow (79%)

Blue (48%)

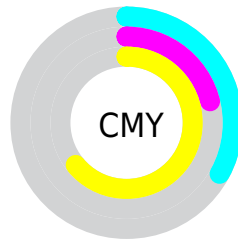


Cyan (15%)

Magenta (0%)

Yellow (54%)

Black (21%)



Cyan (33%)

Magenta (21%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color ACCA5D 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 ACCA5D by changing the saturation by 10% instead.

 ACCA5D

 ACCA5D

FFFFFF

 90AF43

 E5FF92

 759428

 FFFFAE

 5B7A07

 FFFFCA

 416100

 FFFF E6

 284900

 0A3200

 001F00

 000000

 ACCA5D

 ACCA5D

 A6CA49

 B2CA71

 A1CA35

 B7CA85

 9BCA20

 BDCA9A

 96CA0C

 C2CAAE

 92CA00

 C8CAC2

 CDCAD6

 D3CAEA

 D8CAFF

 DECAFF

Harmonies

Analogous

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



E1BA51



ACCA5D



69D484

Triad

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



ACCA5D



00D2FF



FF92C5

Complementary

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



ACCA5D



7B5DCA

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.



FC9EF8



ACCA5D



4DC5FF

Square

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



ACCA5D



00D8EE



BBB2FF



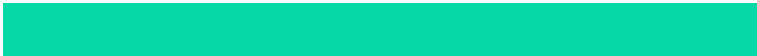
FF9690

Rectangle

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



ACCA5D



04D8A6



BBB2FF



FF94D6

Sweetspot

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



ACCA5D



F4FFD6



CA7A5D



798067



000000



808080

Same Dimension

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



ACCA5D



D1FF59



76CA5D



63665C



78A600



1C2600

Inverse Universe

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



7B5DCA



8759FF



B15DCA



5F5C66



2E00A6



0B0026

Previews

White Background



This preview shows how the Hex color ACCA5D looks on a white background.

Color Contrast Check

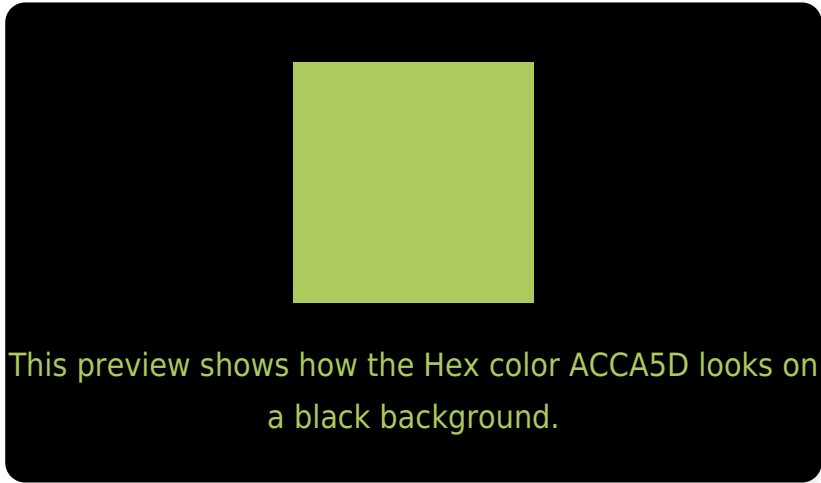
Large Text (above 18pt) WCAG AA × Fail

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 ACCA5D Background



This preview shows how black text looks on a background with the Hex color ACCA5D.

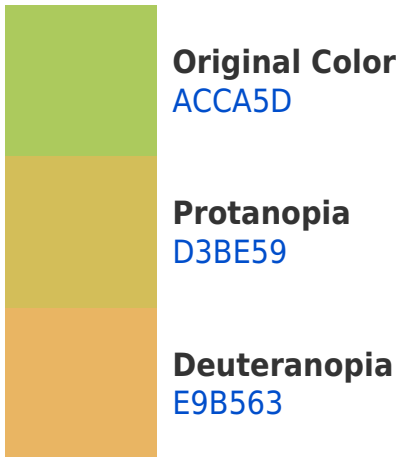


This preview shows how white text looks on a background with the Hex color ACCA5D.

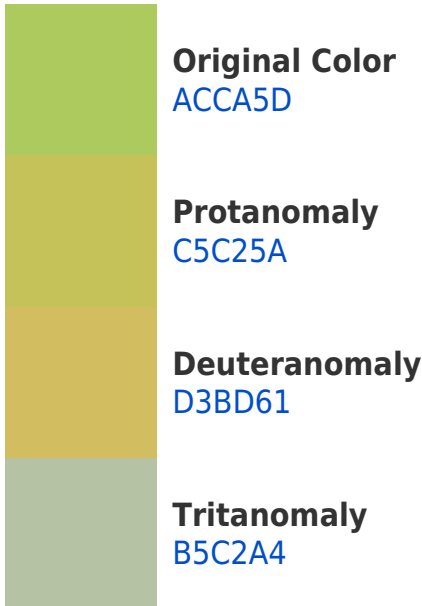
Color Blindness Simulation

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](#).

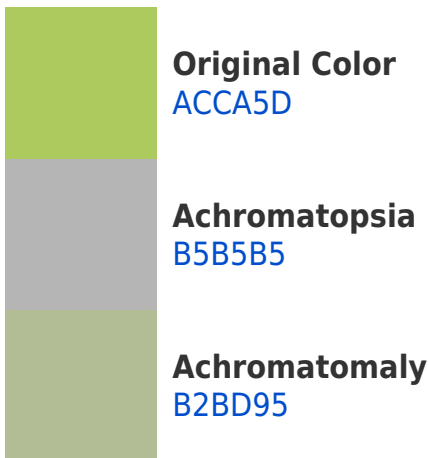
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex ACCA5D 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 #ACCA5D looks like.

```
.text, #text, p{  
    color:#ACCA5D  
}
```

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 #ACCA5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ACCA5D
}
```

Border

The CSS property to change the border of an element to Hex ACCA5D 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
#ACCA5D }
```

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

```
.border{ border-color:#ACCA5D }
```

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

Here you see how a box with a 4 pixel #ACCA5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ACCA5D; -webkit-box-shadow:4px 4px  
4px 4px #ACCA5D; box-shadow:4px 4px 4px  
4px #ACCA5D }
```

Background

The CSS property to change the background color of an element to Hex ACCA5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ACCA5D }
```

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

```
.background{ background-color:#ACCA5D }
```

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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