

# Converting Colors

Hex(ABCA50)

Have a look what the booklet for  
Hex(ABCA50) contains.

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# **Color**

**Hex(ABCA50)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABCA50
RGB	171, 202, 80
RGB Percent	67%, 79%, 31%
CMY	0.3294, 0.2078, 0.6863
CMYK	0.15, 0.00, 0.60, 0.21
HSL	75°, 54%, 55%
HSV	75°, 60%, 79%
XYZ	39.3631, 51.4782, 15.4510
YIQ	178.8230, 20.6860, -44.5140

# Conversions

## Conversions Part 2

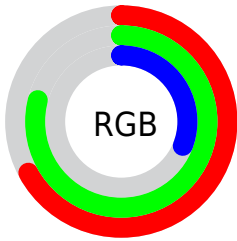
Format	Color
<a href="#">RYB</a>	<a href="#">80, 202, 111</a>
Decimal	<a href="#">11258448</a>
CIELab	<a href="#">76.97, -28.03, 55.97</a>
CIELCh	<a href="#">77, 62.596, 116.600</a>
Yxy	<a href="#">51.4782, 0.3703, 0.4843</a>
Android (android.graphics.Color)	<a href="#">4289448528 (0xFFABCA50)</a>
YUV	<a href="#">178.8230, -48.7197, -6.8608</a>
Hunter-Lab	<a href="#">71.7483, -27.6295, 37.4557</a>

# Details

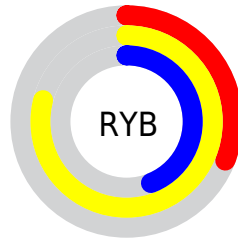
The Hex color **ABCA50** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **6F50CA**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **E5FF86**, and **749416** is the 20% darker color. If you saturate the color by 10%, you get **A6CA3C**, and if you desaturate by 10%, it is **B0CA64**.

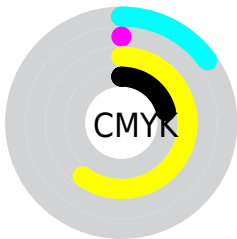
# Distribution



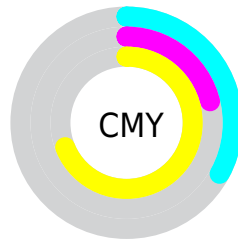
- Red (67%)
- Green (79%)
- Blue (31%)



- Red (31%)
- Yellow (79%)
- Blue (44%)



- Cyan (15%)
- Magenta (0%)
- Yellow (60%)
- Black (21%)



- Cyan (33%)
- Magenta (21%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color ABCA50 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 ABCA50 by changing the saturation by 10% instead.



 ABCA50

 ABCA50

FFFFFF

 8FAF35

 E5FF86

 749416

 FFFFA1

 597A00

 FFFFBD

 3E6100

 FFFFDA

 244900

 FFFFF7

 043200

 001F00

 000000

 ABCA50

 ABCA50

 A6CA3C

 B0CA64

 A1CA28

 B5CA78

 9CCA13

 BACA8D

 97CA00

 C0CAA1

 C5CAB5

 CACAC9

 CFCADD

 D4CAF2

 D9CAFF

# Harmonies

## Analogous

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



E4B944



ABCA50



60D57B

# Triad

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



ABCA50



00D4FF



FF8BC7

# Complementary

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



ABCA50



6F50CA

# 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.



FF9AFF



ABCA50



01C6FF

# Square

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



ABCA50



00DAF0



B5B1FF



FF908D

# Rectangle

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



ABCA50



00D9A1



B5B1FF



FF8EDB



# Sweetspot

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



ABCA50



F3FFD1



CA6F50



788063



000000



808080



# Same Dimension

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



ABCA50



D0FF47



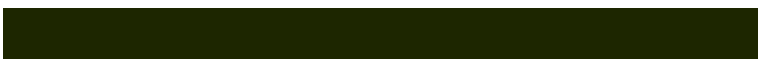
6FCA50



63665C



7CA600



1D2600



# Inverse Universe

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



6F50CA



7647FF



AC50CA



5E5C66



2A00A6



0A0026



# Previews

## White Background



This preview shows how the Hex color ABCA50 looks on a white background.

## Color Contrast Check

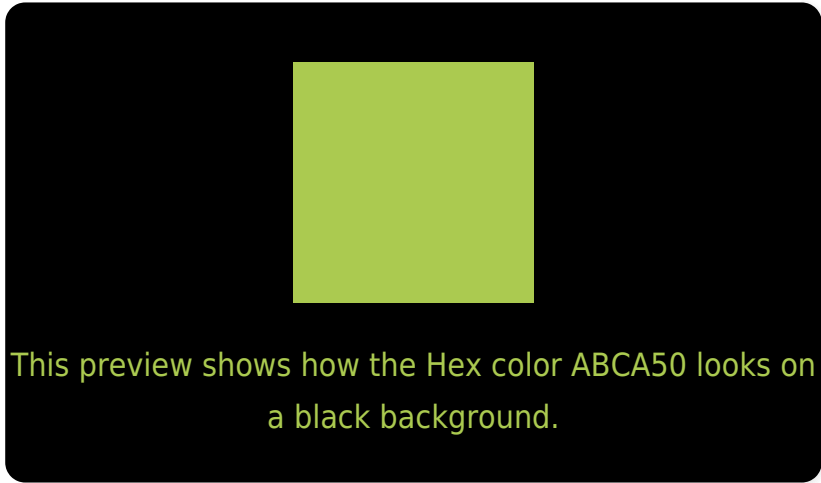
Large Text (above 18pt) WCAG AA × Fail

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 ABCA50 Background



This preview shows how black text looks on a background with the Hex color ABCA50.

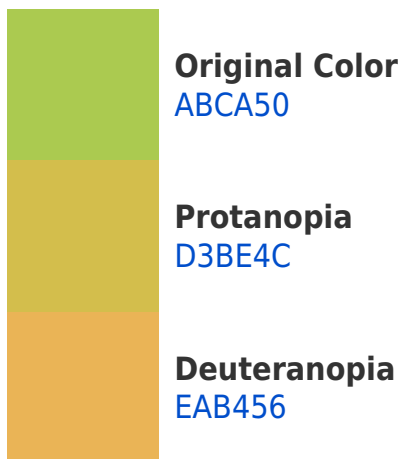


This preview shows how white text looks on a background with the Hex color ABCA50.

# Color Blindness Simulation

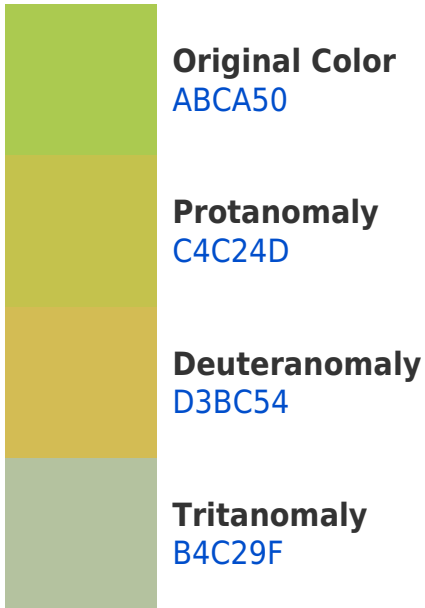
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

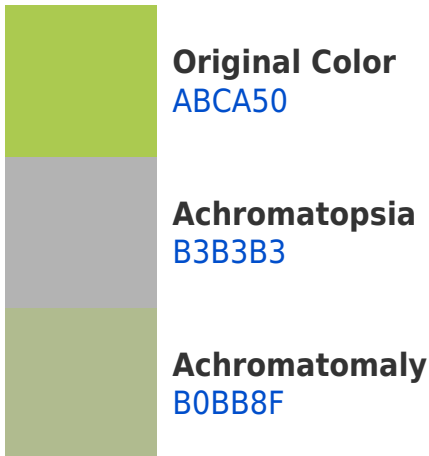




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex ABCA50 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 #ABCA50 looks like.

```
.text, #text, p{  
    color:#ABCA50  
}
```

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 #ABCA50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ABCA50
}
```

## Border

The CSS property to change the border of an element to Hex ABCA50 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
#ABCA50 }
```

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

```
.border{ border-color:#ABCA50 }
```

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

Here you see how a box with a 4 pixel #ABCA50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ABCA50; -webkit-box-shadow:4px 4px  
4px 4px #ABCA50; box-shadow:4px 4px 4px  
4px #ABCA50 }
```

# Background

The CSS property to change the background color of an element to Hex ABCA50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ABCA50 }
```

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

```
.background{ background-color:#ABCA50 }
```

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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