

# Converting Colors

Hex(A3C581)

Have a look what the booklet for  
Hex(A3C581) contains.

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**Color**

**Hex(A3C581)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3C581
RGB	163, 197, 129
RGB Percent	64%, 77%, 51%
CMY	0.3608, 0.2275, 0.4941
CMYK	0.17, 0.00, 0.35, 0.23
HSL	90°, 37%, 64%
HSV	90°, 35%, 77%
XYZ	39.0330, 49.3040, 28.2283
YIQ	179.0820, 1.5640, -28.3560

# Conversions

## Conversions Part 2

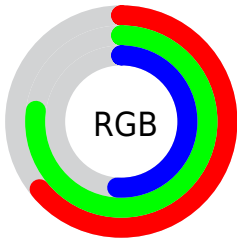
Format	Color
<a href="#">RYB</a>	<a href="#">129, 197, 163</a>
Decimal	<a href="#">10732929</a>
CIELab	<a href="#">75.64, -23.35, 30.47</a>
CIELCh	<a href="#">76, 38.390, 127.462</a>
Yxy	<a href="#">49.3040, 0.3349, 0.4230</a>
Android (android.graphics.Color)	<a href="#">4288923009 (0xFFA3C581)</a>
YUV	<a href="#">179.0820, -24.6904, -14.1039</a>
Hunter-Lab	<a href="#">70.2168, -23.6527, 25.3163</a>

# Details

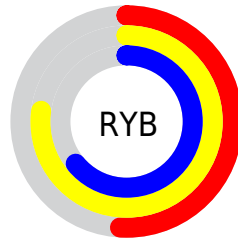
The Hex color **A3C581** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A381C5**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **DBFEB6**, and **6E8F4F** is the 20% darker color. If you saturate the color by 10%, you get **99C56D**, and if you desaturate by 10%, it is **ADC595**.

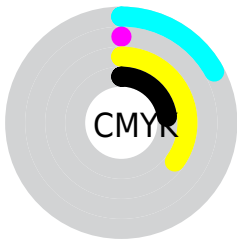
# Distribution



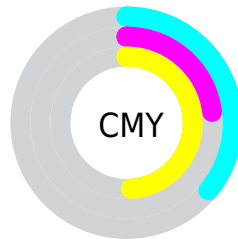
- Red (64%)
- Green (77%)
- Blue (51%)



- Red (51%)
- Yellow (77%)
- Blue (64%)



- Cyan (17%)
- Magenta (0%)
- Yellow (35%)
- Black (23%)



- Cyan (36%)
- Magenta (23%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3C581 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 A3C581 by changing the saturation by 10% instead.



 A3C581

 A3C581

FFFFFF

 88AA67

 DBFEB6

 6E8F4F

 F8FFD2

 557537

 FFFFEF

 3C5D20

 244508

 0E2E00

 001C00

 000000

 A3C581

 A3C581

 99C56D

 ADC595

 8FC55A

 B7C5A8

 85C546

 C1C5BC

 7CC532

 CAC5D0

 72C51E

 D4C5E4

 68C50B

 DEC5F7

 62C500

 E8C5FF

 F2C5FF

 FCC5FF

# Harmonies

## Analogous

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



C9BB73



A3C581



78CB9E

# Triad

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



A3C581



5CC5FB



FF9FB3

# Complementary

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



A3C581



A381C5

# 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.



EEA3D6



A3C581



97BBFF

# Square

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



A3C581



31CCE4



CAAEF3



FCA491

# Rectangle

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



A3C581



59CDB6



CAAEF3



FC9FBF



# Sweetspot

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



A3C581



F2FFE6



C5A381



788070



000000



808080

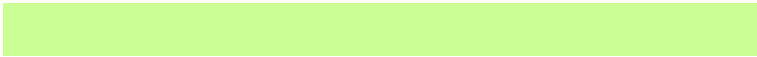


# Same Dimension

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



A3C581



CBFF96



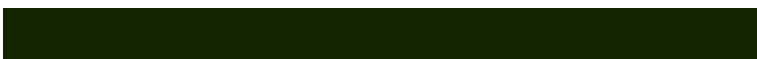
81C581



5E635A



52A300



122400



# Inverse Universe

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



A381C5



CB96FF



C581C5



5E5A63



5200A3



120024



# Previews

## White Background



This preview shows how the Hex color A3C581 looks on a white background.

## Color Contrast Check

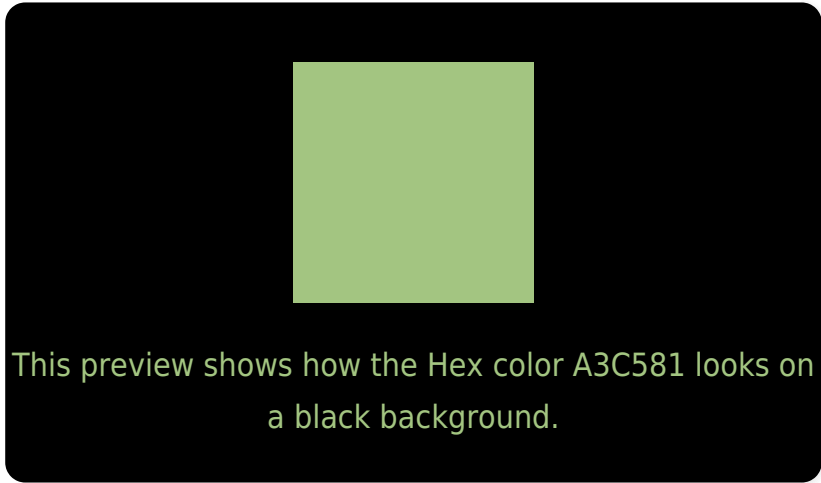
Large Text (above 18pt) WCAG AA × Fail

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

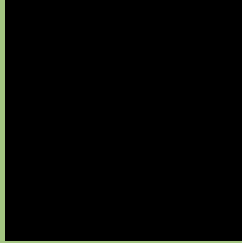
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3C581 Background



This preview shows how black text looks on a background with the Hex color A3C581.

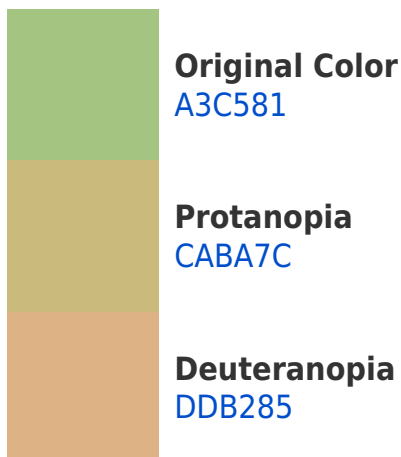


This preview shows how white text looks on a background with the Hex color A3C581.

# Color Blindness Simulation

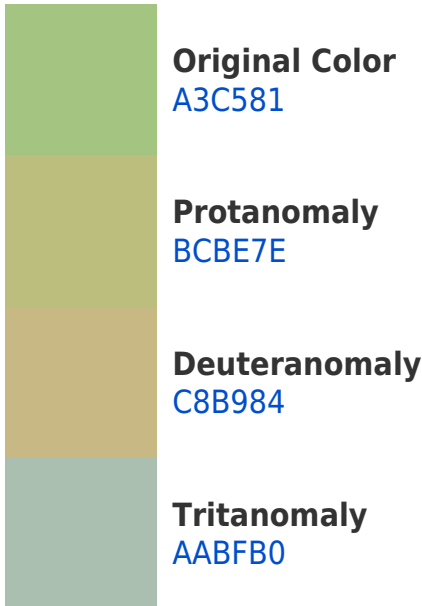
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

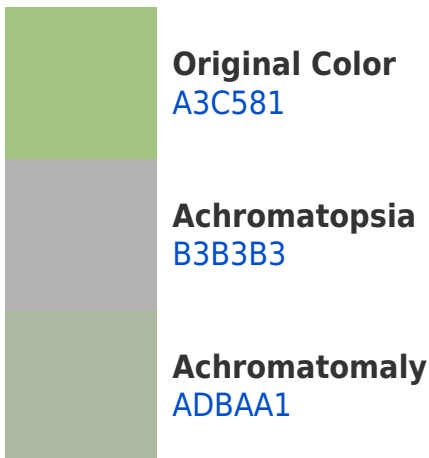




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3C581 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 #A3C581 looks like.

```
.text, #text, p{  
    color:#A3C581  
}
```

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 #A3C581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C581
}
```

## Border

The CSS property to change the border of an element to Hex A3C581 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
#A3C581 }
```

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

```
.border{ border-color:#A3C581 }
```

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

Here you see how a box with a 4 pixel #A3C581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C581; -webkit-box-shadow:4px 4px  
4px 4px #A3C581; box-shadow:4px 4px 4px  
4px #A3C581 }
```

# Background

The CSS property to change the background color of an element to Hex A3C581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C581 }
```

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

```
.background{ background-color:#A3C581 }
```

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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