

# Converting Colors

Hex(A4C458)

Have a look what the booklet for  
Hex(A4C458) contains.

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# **Color**

**Hex(A4C458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4C458
RGB	164, 196, 88
RGB Percent	64%, 77%, 35%
CMY	0.3569, 0.2314, 0.6549
CMYK	0.16, 0.00, 0.55, 0.23
HSL	78°, 48%, 56%
HSV	78°, 55%, 77%
XYZ	36.8112, 48.0769, 16.5721
YIQ	174.1200, 15.5960, -40.3720

# Conversions

## Conversions Part 2

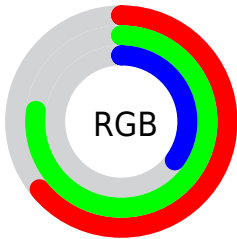
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 196, 120
Decimal	10798168
CIELab	74.87, -27.24, 49.90
CIElCh	75, 56.844, 118.628
Yxy	48.0769, 0.3628, 0.4738
Android (android.graphics.Color)	4288988248 (0xFFA4C458)
YUV	174.1200, -42.4572, -8.8752
Hunter-Lab	69.3375, -26.5753, 34.3656

# Details

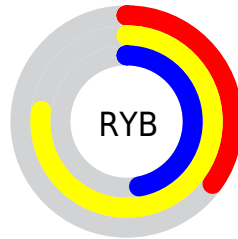
The Hex color **A4C458** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **7858C4**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **DDFD8D**, and **6E8E23** is the 20% darker color. If you saturate the color by 10%, you get **9EC444**, and if you desaturate by 10%, it is **AAC46C**.

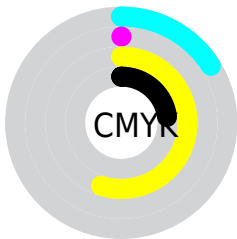
# Distribution



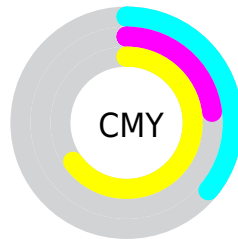
- Red (64%)
- Green (77%)
- Blue (35%)



- Red (35%)
- Yellow (77%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (55%)
- Black (23%)



- Cyan (36%)
- Magenta (23%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A4C458 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 A4C458 by changing the saturation by 10% instead.



 A4C458

 A4C458

FFFFFF

 88A93E

 DDFD8D

 6E8E23

 FAFFA8

 537400

 FFFFC4

 395C00

 FFFFE1

 204400

FFFFFFE

 012D00

 001A00

 000000

 A4C458

 A4C458

 9EC444

 AAC46C

 98C431

 B0C47F

 93C41D

 B5C493

 8DC40A

 BBC4A6

 8AC400

 C1C4BA

 C7C4CE

 CDC4E1

 D2C4F5

 D8C4FF

# Harmonies

## Analogous

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



D8B54B



A4C458



60CE80

# Triad

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



A4C458



00CCFF



FF8BBD

# Complementary

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



A4C458



7858C4

# 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.



F697F0



A4C458



49BFFF

# Square

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



A4C458



00D2E9



B7ACFF



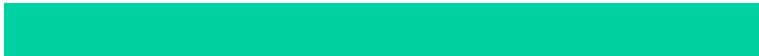
FF9089

# Rectangle

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



A4C458



00D1A2



B7ACFF



FF8ECF

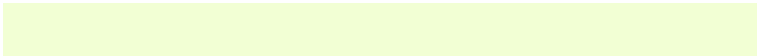


# Sweetspot

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



A4C458



F2FFD4



C47758



788066



000000



808080



# Same Dimension

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



A4C458



CDFF57



6FC458



5E6157



71A100



172100



# Inverse Universe

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



7858C4



8957FF



AD58C4



5A5761



3000A1



0A0021



# Previews

## White Background



This preview shows how the Hex color A4C458 looks on a white background.

## Color Contrast Check

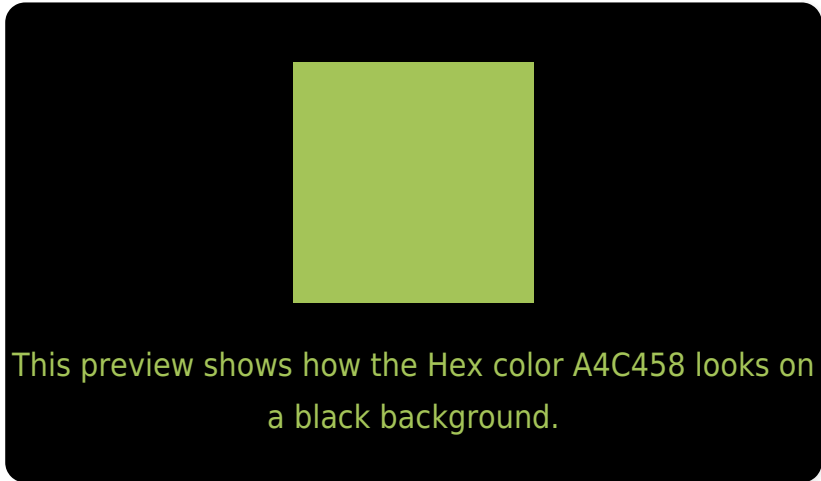
Large Text (above 18pt) WCAG AA × Fail

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 A4C458 Background



This preview shows how black text looks on a background with the Hex color A4C458.

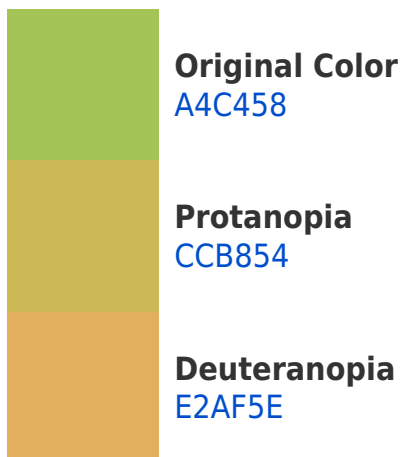


This preview shows how white text looks on a background with the Hex color A4C458.

# 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](#).

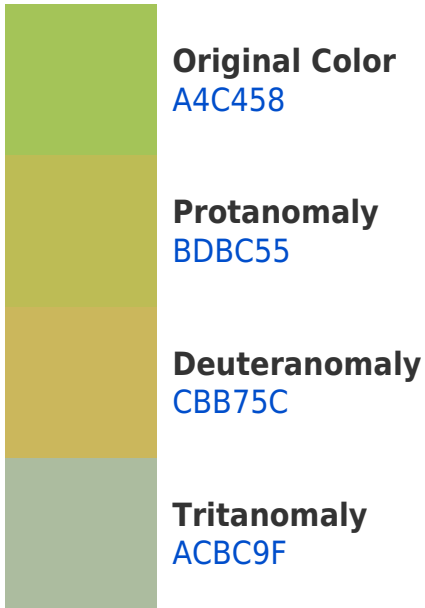
## Dichromacy



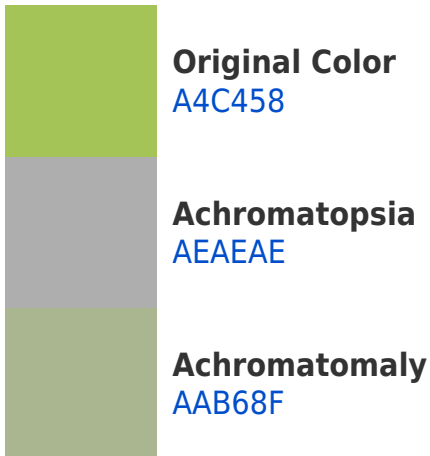


**Tritanopia**  
B1B8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A4C458 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 #A4C458 looks like.

```
.text, #text, p{  
    color:#A4C458  
}
```

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 #A4C458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A4C458
}
```

## Border

The CSS property to change the border of an element to Hex A4C458 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
#A4C458 }
```

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

```
.border{ border-color:#A4C458 }
```

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

Here you see how a box with a 4 pixel #A4C458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A4C458; -webkit-box-shadow:4px 4px  
4px 4px #A4C458; box-shadow:4px 4px 4px  
4px #A4C458 }
```

# Background

The CSS property to change the background color of an element to Hex A4C458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A4C458 }
```

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

```
.background{ background-color:#A4C458 }
```

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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