

# Converting Colors

Hex(A5C477)

Have a look what the booklet for  
Hex(A5C477) contains.

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**Color**

**Hex(A5C477)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A5C477
RGB	165, 196, 119
RGB Percent	65%, 77%, 47%
CMY	0.3529, 0.2314, 0.5333
CMYK	0.16, 0.00, 0.39, 0.23
HSL	84°, 39%, 62%
HSV	84°, 39%, 77%
XYZ	38.5868, 48.8111, 24.8405
YIQ	177.9530, 6.2410, -30.5190

# Conversions

## Conversions Part 2

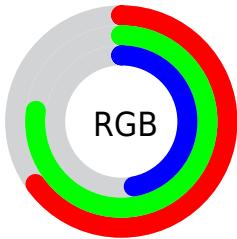
Format	Color
<a href="#">RYB</a>	<a href="#">119, 196, 150</a>
Decimal	<a href="#">10863735</a>
CIELab	<a href="#">75.33, -23.45, 35.26</a>
CIELCh	<a href="#">75, 42.350, 123.624</a>
Yxy	<a href="#">48.8111, 0.3438, 0.4349</a>
Android (android.graphics.Color)	<a href="#">4289053815 (0xFFA5C477)</a>
YUV	<a href="#">177.9530, -29.0638, -11.3598</a>
Hunter-Lab	<a href="#">69.8649, -23.6772, 27.8249</a>

# Details

The Hex color **A5C477** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **9677C4**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **DDFDAC**, and **708E45** is the 20% darker color. If you saturate the color by 10%, you get **9DC463**, and if you desaturate by 10%, it is **ADC48B**.

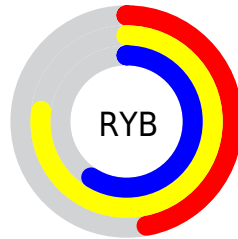
# Distribution



Red (65%)

Green (77%)

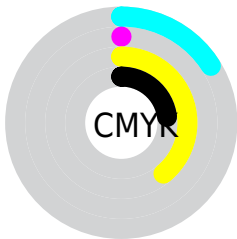
Blue (47%)



Red (47%)

Yellow (77%)

Blue (59%)

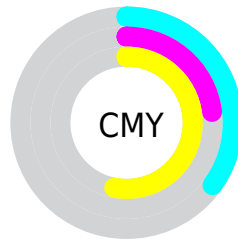


Cyan (16%)

Magenta (0%)

Yellow (39%)

Black (23%)



Cyan (35%)

Magenta (23%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A5C477 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 A5C477 by changing the saturation by 10% instead.



 A5C477

FFFFFF

 DDFDAC

 FAFFC8

 FFFFE4

 A5C477

 8AA95E

 708E45

 56742D

 3D5C15

 254400

 0D2D00

 001B00

 000000

 A5C477

 A5C477

 9DC463

 ADC48B

 95C450

 B5C49E

 8DC43C

 BDC4B2

 85C429

 C5C4C5

 7EC415

 CCC4D9

 76C401

 D4C4ED

 75C400

 DCC4FF

 E4C4FF

 ECC4FF

# Harmonies

## Analogous

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



CEB96B



A5C477



75CB96

# Triad

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



A5C477



39C7FF



FF9BB6

# Complementary

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



A5C477



9677C4

# Split Complementary

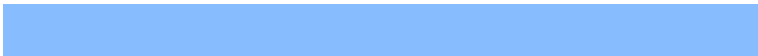
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



EFA1DD



A5C477



87BCFF

# Square

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



A5C477



00CDE3



C4AEFB



FF9F90

# Rectangle

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



A5C477



4FCEB0



C4AEFB



FF9BC4



# Sweetspot

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



A5C477



F3FFE0



C49677



78806E



000000



808080



# Same Dimension

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



A5C477



CFFF87



7FC477



5D6157



60A100



142100



# Inverse Universe

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



9677C4



B787FF



BC77C4



5B5761



4100A1



0D0021



# Previews

## White Background



This preview shows how the Hex color A5C477 looks on a white background.

## Color Contrast Check

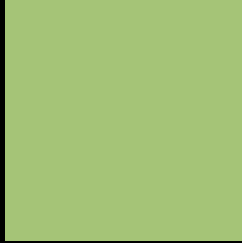
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color A5C477 looks on a 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 A5C477 Background



This preview shows how black text looks on a background with the Hex color A5C477.

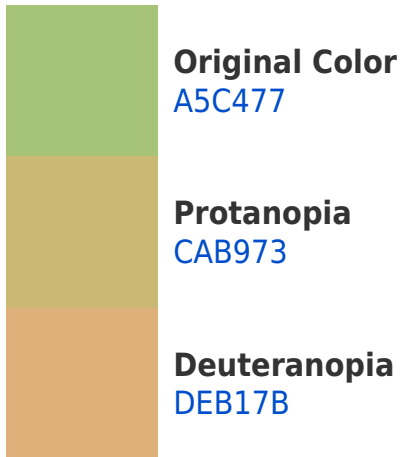


This preview shows how white text looks on a background with the Hex color A5C477.

# 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



**Original Color**  
A5C477

**Protanomaly**  
BDBD74

**Deuteranomaly**  
C9B87A

**Tritanomaly**  
ACBEAB

# Monochromacy



**Original Color**  
A5C477

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
ADB99D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A5C477 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 #A5C477 looks like.

```
.text, #text, p{  
    color:#A5C477  
}
```

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 #A5C477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5C477  
}
```

## Border

The CSS property to change the border of an element to Hex A5C477 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  
#A5C477 }
```

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

```
.border{ border-color:#A5C477 }
```

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

Here you see how a box with a 4 pixel #A5C477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5C477; -webkit-box-shadow:4px 4px  
4px 4px #A5C477; box-shadow:4px 4px 4px  
4px #A5C477 }
```

# Background

The CSS property to change the background color of an element to Hex A5C477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5C477 }
```

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

```
.background{ background-color:#A5C477 }
```

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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