

Converting Colors

Hex(A5C641)

Have a look what the booklet for
Hex(A5C641) contains.

Hex(A5C641)	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(A5C641)

Conversions

Conversions Part 1

Format	Color
Hex	A5C641
RGB	165, 198, 65
RGB Percent	65%, 78%, 25%
CMY	0.3529, 0.2235, 0.7451
CMYK	0.17, 0.00, 0.67, 0.22
HSL	75°, 54%, 52%
HSV	75°, 67%, 78%
XYZ	36.6653, 48.7692, 12.4820
YIQ	172.9710, 23.0250, -48.3590

Conversions

Conversions Part 2

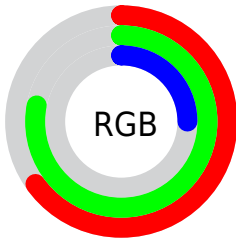
Format	Color
RYB	65, 198, 98
Decimal	10864193
CIELab	75.31, -29.59, 60.27
CIElCh	75, 67.142, 116.148
Yxy	48.7692, 0.3745, 0.4981
Android (android.graphics.Color)	4289054273 (0xFFA5C641)
YUV	172.9710, -53.2297, -6.9906
Hunter-Lab	69.8349, -28.4936, 38.2872

Details

The Hex color **A5C641** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6241C6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **DFFF78**, and **6D9000** is the 20% darker color. If you saturate the color by 10%, you get **A0C62D**, and if you desaturate by 10%, it is **AAC655**.

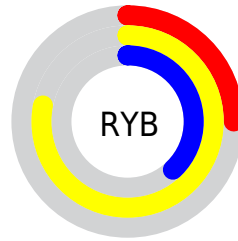
Distribution



Red (65%)

Green (78%)

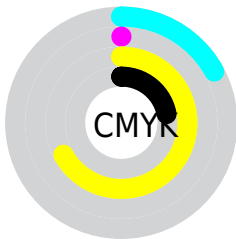
Blue (25%)



Red (25%)

Yellow (78%)

Blue (38%)

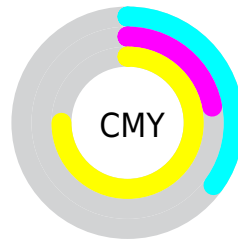


Cyan (17%)

Magenta (0%)

Yellow (67%)

Black (22%)



Cyan (35%)

Magenta (22%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5C641 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 A5C641 by changing the saturation by 10% instead.

 A5C641

 A5C641

FFFFFF

 89AB23

 DFFF78

 6D9000

 FCFF93

 527600

 FFFFAF

 385D00

 FFFFCC

 1B4600

 FFFFEE

 002F00

 001B00

 000000

 A5C641

 A5C641

 A0C62D

 AAC655

 9BC619

 AFC669

 96C606

 B4C67C

 95C600

 B9C690

 BEC6A4

 C2C6B8

 C7C6CC

 CCC6DF

 D1C6F3

Harmonies

Analogous

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



E1B433



A5C641



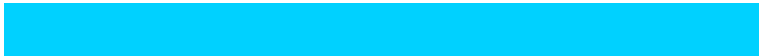
51D171

Triad

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



A5C641



00D1FF



FF81C4

Complementary

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



A5C641



6241C6

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.



FD92FF



A5C641



00C3FF

Square

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



A5C641



00D7EE



ADACFF



FF8687

Rectangle

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



A5C641



00D69A



ADACFF



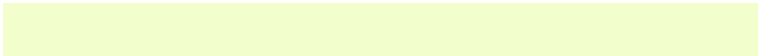
FF85D9

Sweetspot

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



A5C641



F2FFCC



C66041



788061



000000



808080

Same Dimension

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



A5C641



CCFF30



64C641



61635A



7BA300



1B2400

Inverse Universe

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



6241C6



6430FF



A341C6



5C5A63



2800A3



090024

Previews

White Background



This preview shows how the Hex color A5C641 looks on a white background.

Color Contrast Check

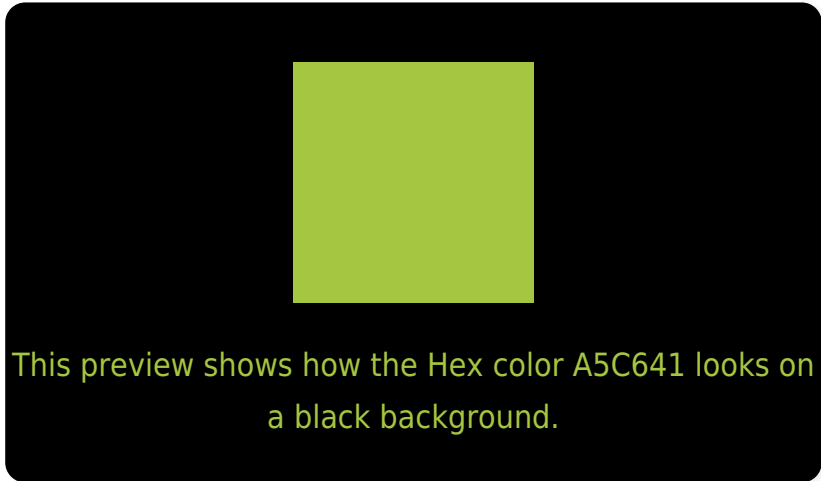
Large Text (above 18pt) WCAG AA × Fail

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 A5C641 Background



This preview shows how black text looks on a background with the Hex color A5C641.

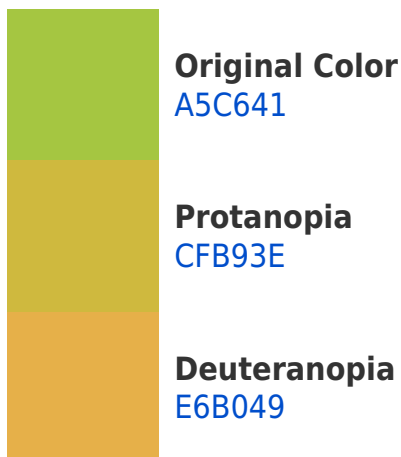


This preview shows how white text looks on a background with the Hex color A5C641.

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
B4B9C8

Trichromacy



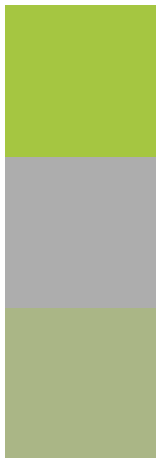
Original Color
A5C641

Protanomaly
C0BE3F

Deuteranomaly
CEB846

Tritanomaly
AFBE97

Monochromacy



Original Color
A5C641

Achromatopsia
ADADAD

Achromatomaly
AAB686

CSS Examples

Text

The CSS property to change the color of the text to Hex A5C641 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 #A5C641 looks like.

```
.text, #text, p{  
    color:#A5C641  
}
```

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 #A5C641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5C641
}
```

Border

The CSS property to change the border of an element to Hex A5C641 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
#A5C641 }
```

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

```
.border{ border-color:#A5C641 }
```

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

Here you see how a box with a 4 pixel #A5C641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5C641; -webkit-box-shadow:4px 4px  
4px 4px #A5C641; box-shadow:4px 4px 4px  
4px #A5C641 }
```

Background

The CSS property to change the background color of an element to Hex A5C641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5C641 }
```

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

```
.background{ background-color:#A5C641 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor