

Converting Colors

Hex(A2C640)

Have a look what the booklet for
Hex(A2C640) contains.

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Color

Hex(A2C640)

Conversions

Conversions Part 1

Format	Color
Hex	A2C640
RGB	162, 198, 64
RGB Percent	64%, 78%, 25%
CMY	0.3647, 0.2235, 0.7490
CMYK	0.18, 0.00, 0.68, 0.22
HSL	76°, 54%, 51%
HSV	76°, 68%, 78%
XYZ	36.0198, 48.4397, 12.3018
YIQ	171.9600, 21.5580, -49.3060

Conversions

Conversions Part 2

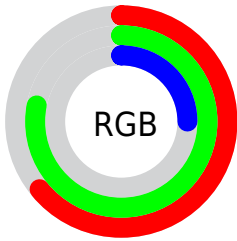
Format	Color
RYB	64, 198, 100
Decimal	10667584
CIELab	75.10, -30.85, 60.38
CIElCh	75, 67.808, 117.061
Yxy	48.4397, 0.3723, 0.5006
Android (android.graphics.Color)	4288857664 (0xFFA2C640)
YUV	171.9600, -53.2243, -8.7349
Hunter-Lab	69.5986, -29.4175, 38.2393

Details

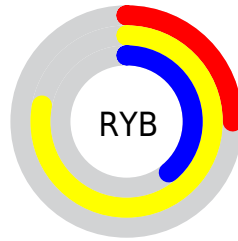
The Hex color **A2C640** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **6440C6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **DCFF77**, and **6B9000** is the 20% darker color. If you saturate the color by 10%, you get **9DC62C**, and if you desaturate by 10%, it is **A7C654**.

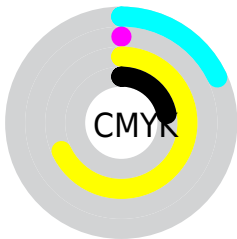
Distribution



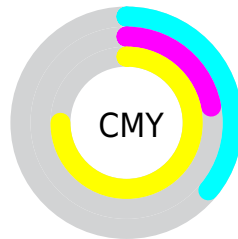
- Red (64%)
- Green (78%)
- Blue (25%)



- Red (25%)
- Yellow (78%)
- Blue (39%)



- Cyan (18%)
- Magenta (0%)
- Yellow (68%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2C640 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 A2C640 by changing the saturation by 10% instead.



A2C640



A2C640

FFFFFF



86AB22



DCFF77



6B9000



F9FF92



4F7600



FFFFAE



355D00



FFFFCB



174500



FFFFE8



002F00



001A00



000000



A2C640



A2C640

 9DC62C

 A7C654

 97C618

 ADC668

 92C605

 B2C67B

 91C600

 B7C68F

 BDC6A3

 C2C6B7

 C7C6CB

 CDC6DE

 D2C6F2

Harmonies

Analogous

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



DFB431



A2C640



4BD172

Triad

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



A2C640



00D0FF



FF7FC2

Complementary

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



A2C640



6440C6

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.



FF90FE



A2C640



00C2FF

Square

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



A2C640



00D6F0



AFABFF



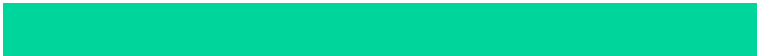
FF8584

Rectangle

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



A2C640



00D59B



AFABFF



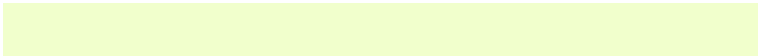
FF83D7

Sweetspot

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



A2C640



F1FFCC



C66440



778061



000000



808080

Same Dimension

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



A2C640



C8FF30



5FC640



61635A



77A300



1A2400

Inverse Universe

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



6440C6



6830FF



A740C6



5C5A63



2C00A3



0A0024

Previews

White Background



This preview shows how the Hex color A2C640 looks on a white background.

Color Contrast Check

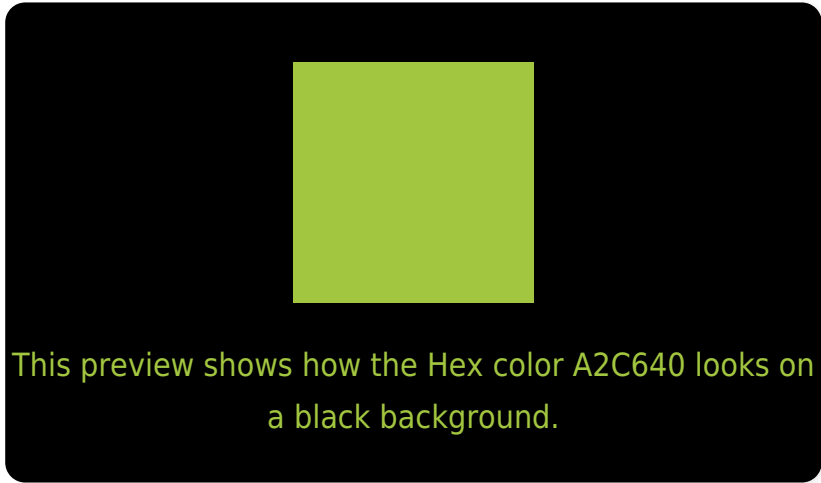
Large Text (above 18pt) WCAG AA × Fail

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 A2C640 Background



This preview shows how black text looks on a background with the Hex color A2C640.

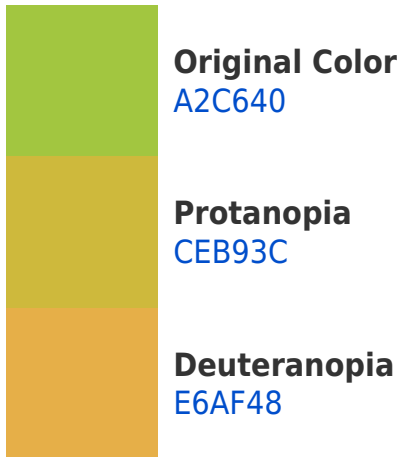


This preview shows how white text looks on a background with the Hex color A2C640.

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
B1B9C8

Trichromacy



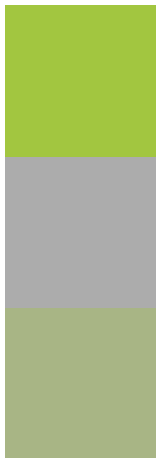
Original Color
A2C640

Protanomaly
BEBE3D

Deuteranomaly
CDB745

Tritanomaly
ACBE97

Monochromacy



Original Color
A2C640

Achromatopsia
ACACAC

Achromatomaly
A8B585

CSS Examples

Text

The CSS property to change the color of the text to Hex A2C640 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 #A2C640 looks like.

```
.text, #text, p{  
    color:#A2C640  
}
```

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 #A2C640 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2C640
}
```

Border

The CSS property to change the border of an element to Hex A2C640 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
#A2C640 }
```

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

```
.border{ border-color:#A2C640 }
```

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

Here you see how a box with a 4 pixel #A2C640 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2C640; -webkit-box-shadow:4px 4px  
4px 4px #A2C640; box-shadow:4px 4px 4px  
4px #A2C640 }
```

Background

The CSS property to change the background color of an element to Hex A2C640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2C640 }
```

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

```
.background{ background-color:#A2C640 }
```

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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