

Converting Colors

Hex(A1C42F)

Have a look what the booklet for
Hex(A1C42F) contains.

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Color

Hex(A1C42F)

Conversions

Conversions Part 1

Format	Color
Hex	A1C42F
RGB	161, 196, 47
RGB Percent	63%, 77%, 18%
CMY	0.3686, 0.2314, 0.8157
CMYK	0.18, 0.00, 0.76, 0.23
HSL	74°, 61%, 48%
HSV	74°, 76%, 77%
XYZ	34.9510, 47.2622, 9.9697
YIQ	168.5490, 26.9690, -53.7590

Conversions

Conversions Part 2

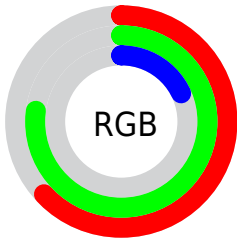
Format	Color
RYB	47, 196, 82
Decimal	10601519
CIELab	74.36, -31.26, 65.64
CIELCh	74, 72.705, 115.461
Yxy	47.2622, 0.3791, 0.5127
Android (android.graphics.Color)	4288791599 (0xFFA1C42F)
YUV	168.5490, -59.9237, -6.6205
Hunter-Lab	68.7475, -29.5594, 39.5250

Details

The Hex color **A1C42F** 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 **522FC4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **DBFD69**, and **698E00** is the 20% darker color. If you saturate the color by 10%, you get **9CC41B**, and if you desaturate by 10%, it is **A6C443**.

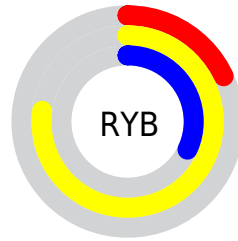
Distribution



Red (63%)

Green (77%)

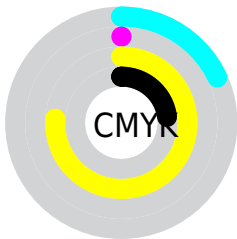
Blue (18%)



Red (18%)

Yellow (77%)

Blue (32%)

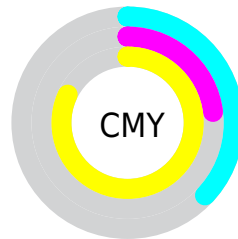


Cyan (18%)

Magenta (0%)

Yellow (76%)

Black (23%)



Cyan (37%)

Magenta (23%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1C42F 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 A1C42F by changing the saturation by 10% instead.



A1C42F



A1C42F

FFFFFF



85A904



DBFD69



698E00



F9FF84



4E7400



FFFFA0



325C00



FFFFBD



144400



FFFDA



002D00



FFFFF7



001800



000000



A1C42F



A1C42F

■ 9CC41B

■ A6C443

■ 98C408

■ AAC456

■ 96C400

■ AFC46A

■ B3C47D

■ B8C491

■ BDC4A5

■ C1C4B8

■ C6C4CC

■ CAC4DF

Harmonies

Analogous

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



E1B01E



A1C42F



41D067

Triad

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



A1C42F



00D0FF



FF77C4

Complementary

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



A1C42F



522FC4

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.



FE8CFF



A1C42F



00C2FF

Square

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



A1C42F



00D6EF



A4A9FF



FF7C81

Rectangle

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



A1C42F



00D493



A4A9FF



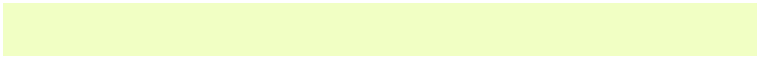
FF7CDA

Sweetspot

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



A1C42F



F1FFC4



C4522F



77805C



000000



808080

Same Dimension

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



A1C42F



C8FF17



57C42F



5F6157



7BA100



192100

Inverse Universe

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



522FC4



4D17FF



9C2FC4



595761



2600A1



080021

Previews

White Background



This preview shows how the Hex color A1C42F looks on a white background.

Color Contrast Check

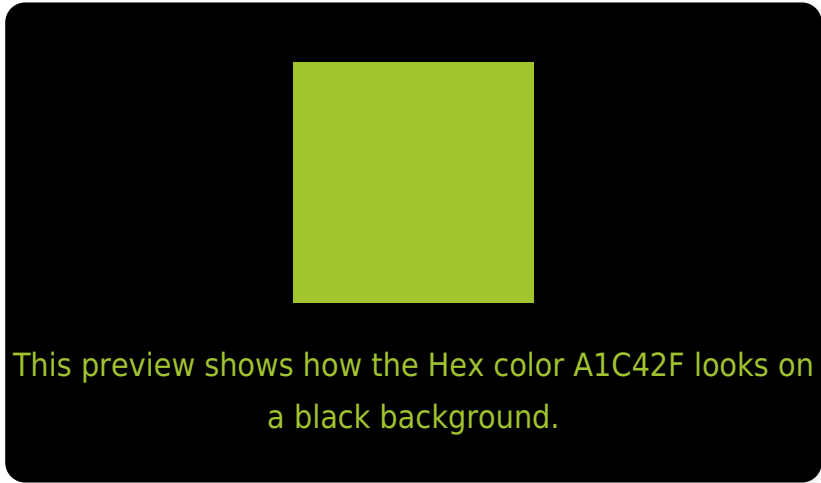
Large Text (above 18pt) WCAG AA × Fail

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 A1C42F Background



This preview shows how black text looks on a background with the Hex color A1C42F.

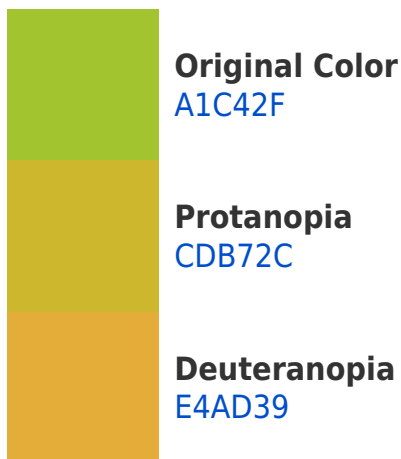


This preview shows how white text looks on a background with the Hex color A1C42F.

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](#).

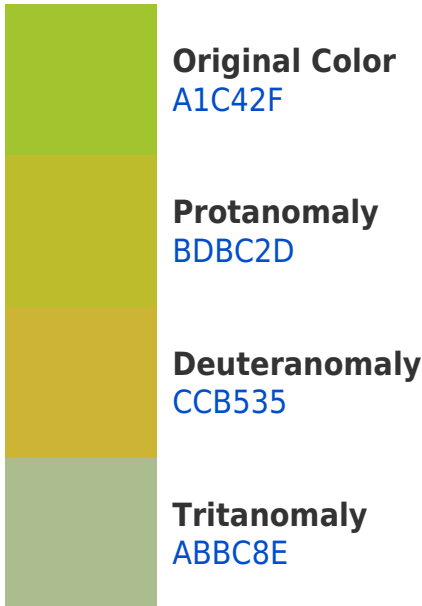
Dichromacy



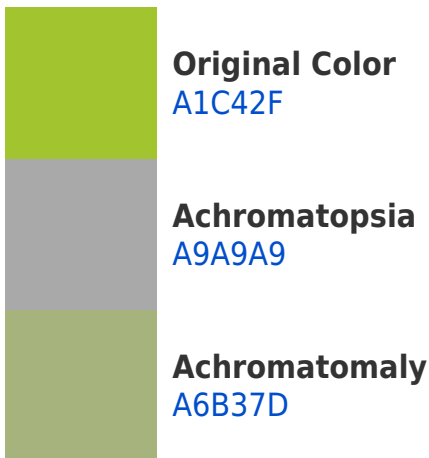


Tritanopia
B0B7C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1C42F 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 #A1C42F looks like.

```
.text, #text, p{  
    color:#A1C42F  
}
```

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 #A1C42F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1C42F
}
```

Border

The CSS property to change the border of an element to Hex A1C42F 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
#A1C42F }
```

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

```
.border{ border-color:#A1C42F }
```

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

Here you see how a box with a 4 pixel #A1C42F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1C42F; -webkit-box-shadow:4px 4px  
4px 4px #A1C42F; box-shadow:4px 4px 4px  
4px #A1C42F }
```

Background

The CSS property to change the background color of an element to Hex A1C42F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1C42F }
```

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

```
.background{ background-color:#A1C42F }
```

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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