

Converting Colors

Hex(A5F302)

Have a look what the booklet for
Hex(A5F302) contains.

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Color

Hex(A5F302)

Conversions

Conversions Part 1

Format	Color
Hex	A5F302
RGB	165, 243, 2
RGB Percent	65%, 95%, 1%
CMY	0.3529, 0.0471, 0.9922
CMYK	0.32, 0.00, 0.99, 0.05
HSL	79°, 98%, 48%
HSV	79°, 99%, 95%
XYZ	47.5786, 72.1049, 11.4674
YIQ	192.2040, 30.8730, -91.4870

Conversions

Conversions Part 2

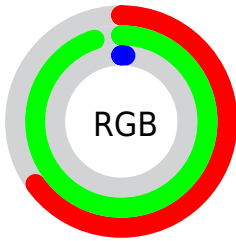
Format	Color
R_{YB}	2, 243, 80
Decimal	10875650
CIE _{Lab}	88.02, -51.35, 84.89
CIE _{LCh}	88, 99.218, 121.171
Yxy	72.1049, 0.3628, 0.5498
Android (android.graphics.Color)	4289065730 (0xFFA5F302)
YUV	192.2040, -93.7706, -23.8579
Hunter-Lab	84.9146, -48.5850, 51.4333

Details

The Hex color **A5F302** is a dark color, and the websafe version is hex **99FF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **5002F3**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **E1FF5C**, and **69BA00** is the 20% darker color. If you saturate the color by 10%, you get **A4F300**, and if you desaturate by 10%, it is **ADF31A**.

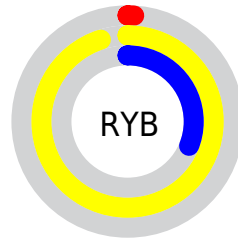
Distribution



Red (65%)

Green (95%)

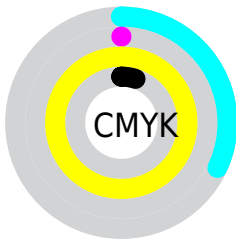
Blue (1%)



Red (1%)

Yellow (95%)

Blue (31%)

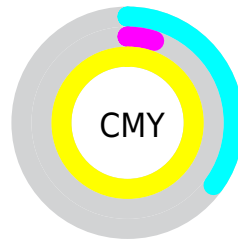


Cyan (32%)

Magenta (0%)

Yellow (99%)

Black (5%)



Cyan (35%)

Magenta (5%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color A5F302 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 A5F302 by changing the saturation by 10% instead.

 A5F302

 A5F302

FFFFFF

 87D600

 E1FF5C

 69BA00

 FFFF7B

 4A9F00

 FFFF98

 278400

 FFFFFB6

 006A00

 FFFFFD4

 005100

 FFFFFF2

 003900

 002300

 000000

 A5F302

 A5F302

 A4F300

 ADF31A

 B5F333

 BDF34B

 C4F363

 CCF37B

 D4F394

 DCF3AC

 E4F3C4

 ECF3DD

Harmonies

Analogous

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



FFDA00



A5F302



00FF7C

Triad

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



A5F302



00FDFD



FF74DD

Complementary

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



A5F302



5002F3

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.



FF92FF



A5F302



00E7FF

Square

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



A5F302



00FFFF



DCC2FF



FF8881

Rectangle

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



A5F302



00FFBD



DCC2FF



FF79FD

Sweetspot

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



A5F302



E6FFB3



F34E02



718052



000000



808080

Same Dimension

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



A5F302



ACFF00



2EF302



767A6E



7EBA00



283B00

Inverse Universe

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



5002F3



5300FF



C702F3



726E7A



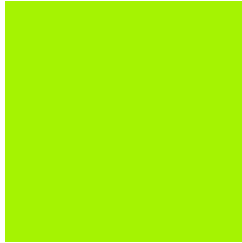
3C00BA



13003B

Previews

White Background



This preview shows how the Hex color A5F302 looks on a white background.

Color Contrast Check

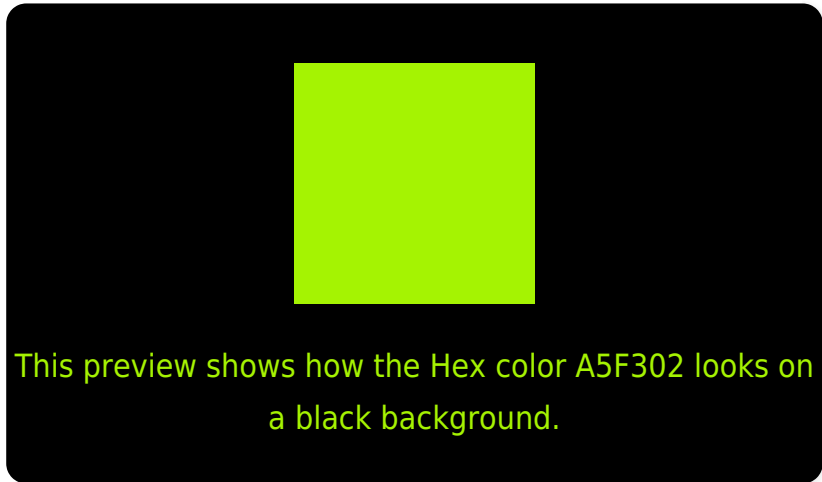
Large Text (above 18pt) WCAG AA × Fail

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 A5F302 Background



This preview shows how black text looks on a background with the Hex color A5F302.

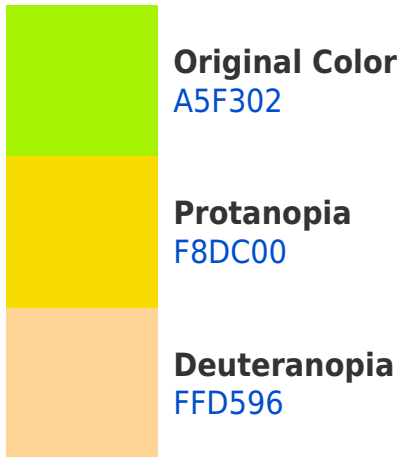


This preview shows how white text looks on a background with the Hex color A5F302.

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](#).

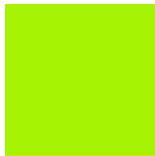
Dichromacy





Tritanopia
BDE2F4

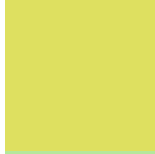
Trichromacy



Original Color
A5F302



Protanomaly
DAE401



Deuteranomaly
DEE060

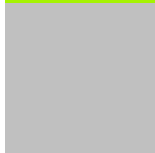


Tritanomaly
B4E89C

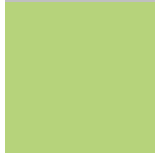
Monochromacy



Original Color
A5F302



Achromatopsia
C0C0C0



Achromatomaly
B6D37B

CSS Examples

Text

The CSS property to change the color of the text to Hex A5F302 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 #A5F302 looks like.

```
.text, #text, p{  
    color:#A5F302  
}
```

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 #A5F302 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A5F302
}
```

Border

The CSS property to change the border of an element to Hex A5F302 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
#A5F302 }
```

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

```
.border{ border-color:#A5F302 }
```

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

Here you see how a box with a 4 pixel #A5F302 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A5F302; -webkit-box-shadow:4px 4px  
4px 4px #A5F302; box-shadow:4px 4px 4px  
4px #A5F302 }
```

Background

The CSS property to change the background color of an element to Hex A5F302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A5F302 }
```

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

```
.background{ background-color:#A5F302 }
```

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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