

Converting Colors

Hex(42AD1F)

Have a look what the booklet for
Hex(42AD1F) contains.

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Color

Hex(42AD1F)

Conversions

Conversions Part 1

Format	Color
Hex	42AD1F
RGB	66, 173, 31
RGB Percent	26%, 68%, 12%
CMY	0.7412, 0.3216, 0.8784
CMYK	0.62, 0.00, 0.82, 0.32
HSL	105°, 70%, 40%
HSV	105°, 82%, 68%
XYZ	17.4377, 31.1443, 6.3887
YIQ	124.8190, -18.1900, -66.8460

Conversions

Conversions Part 2

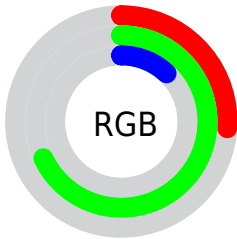
Format	Color
RYB	31, 173, 138
Decimal	4369695
CIELab	62.63, -54.81, 57.85
CIElCh	63, 79.692, 133.453
Yxy	31.1443, 0.3172, 0.5666
Android (android.graphics.Color)	4282559775 (0xFF42AD1F)
YUV	124.8190, -46.2528, -51.5843
Hunter-Lab	55.8071, -41.8878, 32.2775

Details

The Hex color **42AD1F** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8A1FAD**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **7FE559**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **35AD0E**, and if you desaturate by 10%, it is **4FAD30**.

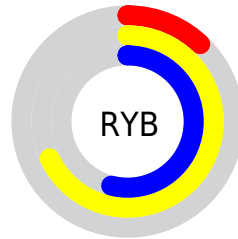
Distribution



Red (26%)

Green (68%)

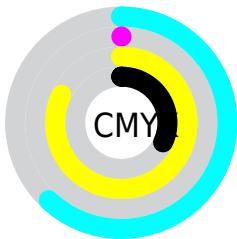
Blue (12%)



Red (12%)

Yellow (68%)

Blue (54%)

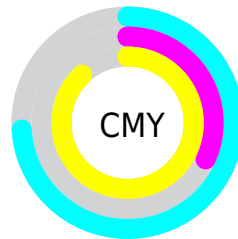


Cyan (62%)

Magenta (0%)

Yellow (82%)

Black (32%)



Cyan (74%)

Magenta (32%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 42AD1F 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 42AD1F by changing the saturation by 10% instead.



42AD1F



42AD1F

FFFFFF



1C9200



7FE559



007700



9CFF74



005E00



B9FF8F



004500



D7FFAB



002F00



F5FFC8



001100



FFFFE4



000000



42AD1F



42AD1F



35AD0E



4FAD30

 2BAD00

 5CAD42

 69AD53

 76AD64

 83AD76

 90AD87

 9DAD98

 AAADA9

 B7ADBB

Harmonies

Analogous

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



999E00



42AD1F



00B46C

Triad

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



42AD1F



00ABFF



FF467B

Complementary

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



42AD1F



8A1FAD

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.



FF4FC2



42AD1F



0095FF

Square

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



42AD1F



00B5F8



C174FF



FF6437

Rectangle

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



42AD1F



00B79E



C174FF



FF4492

Sweetspot

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



42AD1F



B6E0A8



AD8A1F



57704F



F0F0F0



707070

Same Dimension

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



42AD1F



3BE004



1FAD42



50574E



259600



061700

Inverse Universe

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



8A1FAD



AA04E0



AD1F8A



554E57



710096



110017

Previews

White Background



This preview shows how the Hex color 42AD1F looks on a white background.

Color Contrast Check

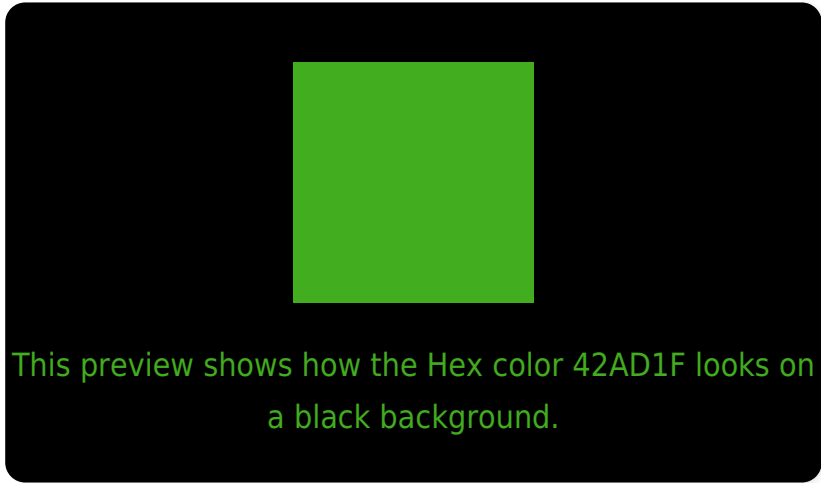
Large Text (above 18pt) WCAG AA × Fail

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 42AD1F Background



This preview shows how black text looks on a background with the Hex color 42AD1F.

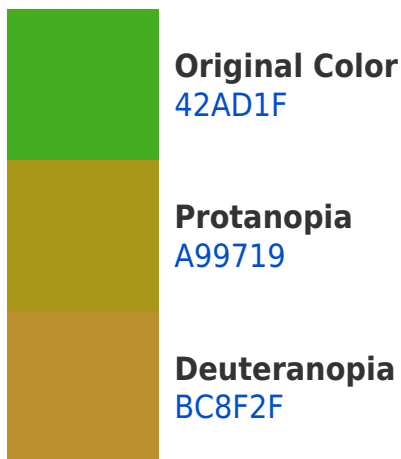


This preview shows how white text looks on a background with the Hex color 42AD1F.

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](#).

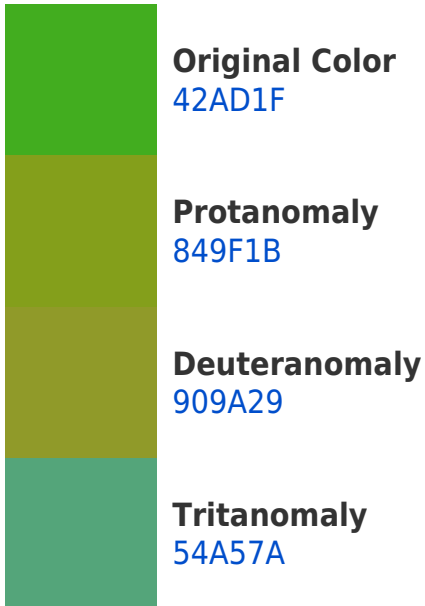
Dichromacy



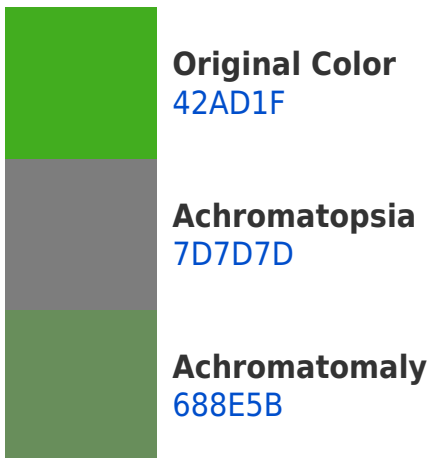


Tritanopia
5FA1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 42AD1F 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 #42AD1F looks like.

```
.text, #text, p{  
    color:#42AD1F  
}
```

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 #42AD1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42AD1F
}
```

Border

The CSS property to change the border of an element to Hex 42AD1F 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
#42AD1F }
```

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

```
.border{ border-color:#42AD1F }
```

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

Here you see how a box with a 4 pixel #42AD1F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42AD1F; -webkit-box-shadow:4px 4px  
4px 4px #42AD1F; box-shadow:4px 4px 4px  
4px #42AD1F }
```

Background

The CSS property to change the background color of an element to Hex 42AD1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42AD1F }
```

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

```
.background{ background-color:#42AD1F }
```

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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