

Converting Colors

Hex(4321AF)

Have a look what the booklet for
Hex(4321AF) contains.

Hex(4321AF)	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>	28

Color

Hex(4321AF)

Conversions

Conversions Part 1

Format	Color
Hex	4321AF
RGB	67, 33, 175
RGB Percent	26%, 13%, 69%
CMY	0.7373, 0.8706, 0.3137
CMYK	0.62, 0.81, 0.00, 0.31
HSL	254°, 68%, 41%
HSV	254°, 81%, 69%
XYZ	10.5965, 5.3762, 41.0366
YIQ	59.3540, -25.3180, 51.3700

Conversions

Conversions Part 2

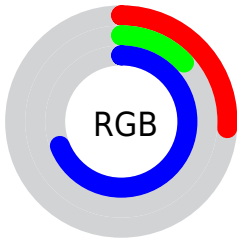
Format	Color
RYB	67, 33, 175
Decimal	4399535
CIELab	27.78, 51.94, -68.98
CIELCh	28, 86.348, 306.975
Yxy	5.3762, 0.1859, 0.0943
Android (android.graphics.Color)	4282589615 (0xFF4321AF)
YUV	59.3540, 57.0135, 6.7055
Hunter-Lab	23.1865, 40.9997, -88.7038

Details

The Hex color **4321AF** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **8DAF21**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8053E8**, and **000079** is the 20% darker color. If you saturate the color by 10%, you get **360FAF**, and if you desaturate by 10%, it is **5032AF**.

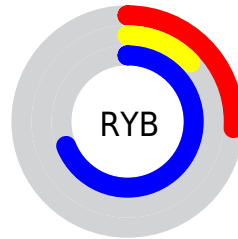
Distribution



Red (26%)

Green (13%)

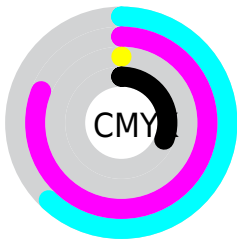
Blue (69%)



Red (26%)

Yellow (13%)

Blue (69%)

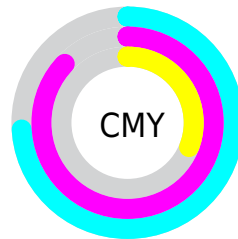


Cyan (62%)

Magenta (81%)

Yellow (0%)

Black (31%)



Cyan (74%)

Magenta (87%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4321AF 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 4321AF by changing the saturation by 10% instead.

4321AF

4321AF

FFFFFF

1D0494

8053E8

000079

9E6DFF

00005F

BB87FF

000846

D9A2FF

00042F

F7BEFF

000119

FFDAFF

000000

FFF7FF

4321AF

4321AF

■ 360FAF

■ 5032AF

■ 2A00AF

■ 5E44AF

■ 6B55AF

■ 7867AF

■ 8678AF

■ 938AAF

■ A09BAF

■ ADADAF

■ BBBFAF

Harmonies

Analogous

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



0049CB



4321AF



960077

Triad

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



4321AF



782600



005750

Complementary

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



4321AF



8DAF21

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.



005500



4321AF



434500

Square

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



4321AF



9D0000



005100



005992

Rectangle

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



4321AF



A9004C



005100



005739

Sweetspot

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



4321AF



BAACE3



218EAF



595173



F2F2F2



737373

Same Dimension

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



4321AF



3C07E3



8921AF



504E57



240096



050017

Inverse Universe

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



AF218D



E307AE



47AF21



574E55



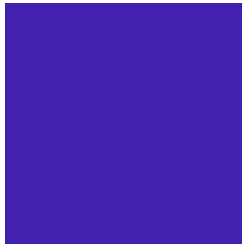
960072



170011

Previews

White Background



This preview shows how the Hex color 4321AF looks on a white background.

Color Contrast Check

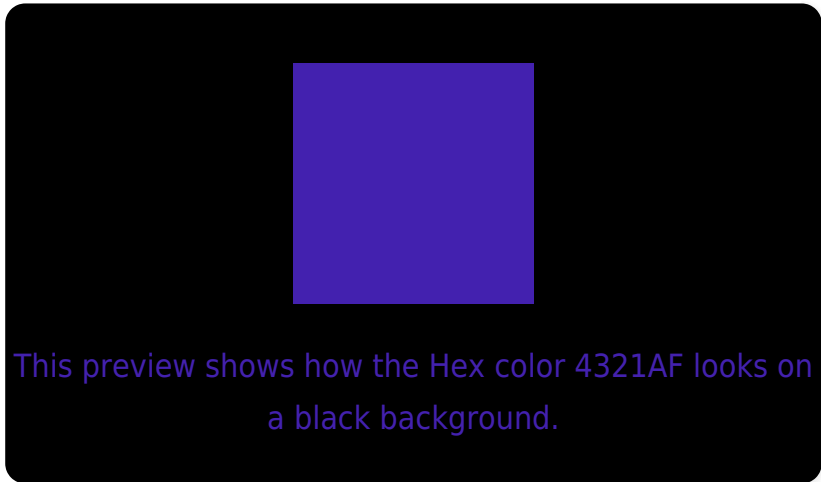
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

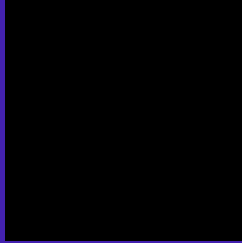
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4321AF Background



This preview shows how black text looks on a background with the Hex color 4321AF.

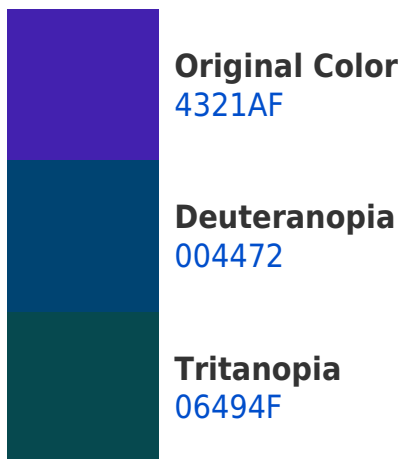


This preview shows how white text looks on a background with the Hex color 4321AF.

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



Trichromacy



Original Color
4321AF

Deuteranomaly
183788

Tritanomaly
1C3A72

Monochromacy



Original Color
4321AF

Achromatopsia
3B3B3B

Achromatomaly
3E265

CSS Examples

Text

The CSS property to change the color of the text to Hex 4321AF 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 #4321AF looks like.

```
.text, #text, p{  
    color:#4321AF  
}
```

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 #4321AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4321AF
}
```

Border

The CSS property to change the border of an element to Hex 4321AF 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
#4321AF }
```

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

```
.border{ border-color:#4321AF }
```

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

Here you see how a box with a 4 pixel #4321AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4321AF; -webkit-box-shadow:4px 4px  
4px 4px #4321AF; box-shadow:4px 4px 4px  
4px #4321AF }
```

Background

The CSS property to change the background color of an element to Hex 4321AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4321AF }
```

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

```
.background{ background-color:#4321AF }
```

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