

# Converting Colors

Hex(42321A)

Have a look what the booklet for  
Hex(42321A) contains.

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**Color**

**Hex(42321A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42321A
RGB	66, 50, 26
RGB Percent	26%, 20%, 10%
CMY	0.7412, 0.8039, 0.8980
CMYK	0.00, 0.24, 0.61, 0.74
HSL	36°, 43%, 18%
HSV	36°, 61%, 26%
XYZ	3.5738, 3.5140, 1.4672
YIQ	52.0480, 17.2400, -4.0720

# Conversions

## Conversions Part 2

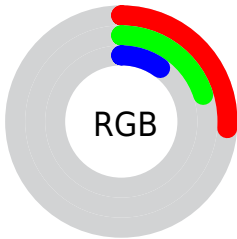
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 66, 26
Decimal	4338202
CIE <sub>Lab</sub>	22.00, 3.74, 17.92
CIE <sub>LCh</sub>	22, 18.301, 78.221
Yxy	3.5140, 0.4177, 0.4108
Android (android.graphics.Color)	4282528282 (0xFF42321A)
YUV	52.0480, -12.8417, 12.2359
Hunter-Lab	18.7458, 1.2254, 8.4815

# Details

The Hex color **42321A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **1A2A42**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **736046**, and **130400** is the 20% darker color. If you saturate the color by 10%, you get **422F13**, and if you desaturate by 10%, it is **423521**.

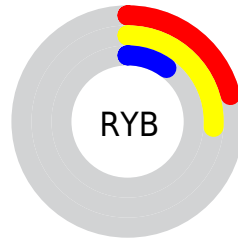
# Distribution



Red (26%)

Green (20%)

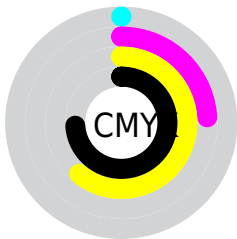
Blue (10%)



Red (21%)

Yellow (26%)

Blue (10%)

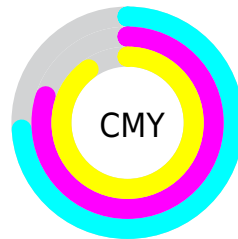


Cyan (0%)

Magenta (24%)

Yellow (61%)

Black (74%)



Cyan (74%)

Magenta (80%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42321A 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 42321A by changing the saturation by 10% instead.





42321A



42321A

FFFFFF



2C1D00



736046



130400



8D795E



000000



A89376



C4AD90



E0C8AB



FDE4C6



FFFFE2



42321A



42321A

■ 422F13

■ 423521

■ 422D0D

■ 423727

■ 422A06

■ 423A2E

■ 422800

■ 423D34

■ 423F3B

■ 424242

■ 424448

■ 42474F

■ 424A55

# Harmonies

## Analogous

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



4B2D21



42321A



35361A

# Triad

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



42321A



003C3D



402E47

# Complementary

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



42321A



1A2A42

# 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.



2E334E



42321A



003B48

# Square

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



42321A



133B2F



15384F



4B2A3B

# Rectangle

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



42321A



2B391F



15384F



3B304A



# Sweetspot

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



42321A



575047



421A2A



2B2822



ABABAB



2B2B2B



# Same Dimension

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



42321A



573D17



3E421A



21201E



613A00



E08700



# Inverse Universe

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



1A2A42



173157



1E1A42



1E1F21



002761



005AE0



# Previews

## White Background



This preview shows how the Hex color 42321A looks on a white background.

## Color Contrast Check

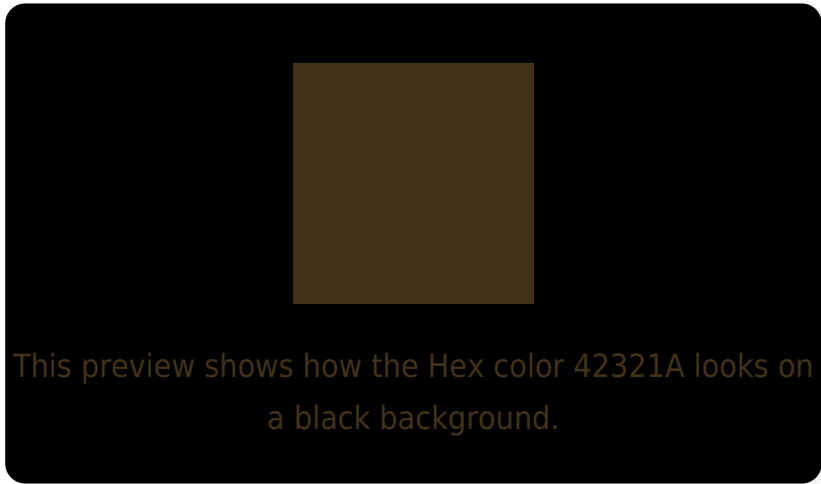
Large Text (above 18pt) WCAG AA ✓ Pass

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

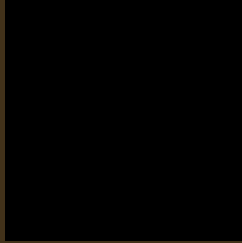
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42321A Background



This preview shows how black text looks on a background with the Hex color 42321A.

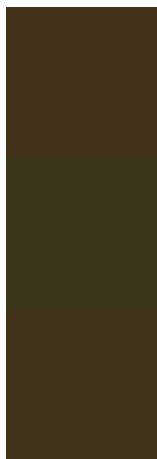


This preview shows how white text looks on a background with the Hex color 42321A.

# 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



**Original Color**  
42321A

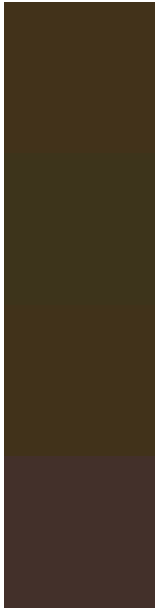
**Protanopia**  
3A351B

**Deuteranopia**  
41321A



**Tritanopia**  
442F33

# Trichromacy



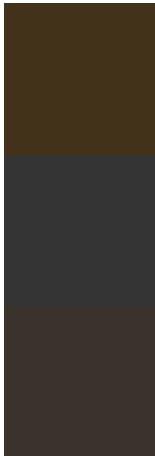
**Original Color**  
42321A

**Protanomaly**  
3D341B

**Deuteranomaly**  
41321A

**Tritanomaly**  
43302A

# Monochromacy



**Original Color**  
42321A

**Achromatopsia**  
343434

**Achromatomaly**  
39332B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42321A 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 #42321A looks like.

```
.text, #text, p{  
    color:#42321A  
}
```

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 #42321A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42321A
}
```

## Border

The CSS property to change the border of an element to Hex 42321A 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
#42321A }
```

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

```
.border{ border-color:#42321A }
```

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

Here you see how a box with a 4 pixel #42321A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42321A; -webkit-box-shadow:4px 4px  
4px 4px #42321A; box-shadow:4px 4px 4px  
4px #42321A }
```

# Background

The CSS property to change the background color of an element to Hex 42321A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42321A }
```

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

```
.background{ background-color:#42321A }
```

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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