

# Converting Colors

Hex(42320A)

Have a look what the booklet for  
Hex(42320A) contains.

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**Color**

**Hex(42320A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42320A
RGB	66, 50, 10
RGB Percent	26%, 20%, 4%
CMY	0.7412, 0.8039, 0.9608
CMYK	0.00, 0.24, 0.85, 0.74
HSL	43°, 74%, 15%
HSV	43°, 85%, 26%
XYZ	3.4422, 3.4614, 0.7739
YIQ	50.2240, 22.3760, -9.0480

# Conversions

## Conversions Part 2

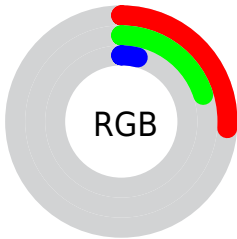
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 66, 10
Decimal	4338186
CIELab	21.80, 2.48, 26.52
CIELCh	22, 26.640, 84.668
Yxy	3.4614, 0.4484, 0.4509
Android (android.graphics.Color)	4282528266 (0xFF42320A)
YUV	50.2240, -19.8304, 13.8356
Hunter-Lab	18.6048, 0.4668, 10.5572

# Details

The Hex color **42320A** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0A1A42**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **746037**, and **100400** is the 20% darker color. If you saturate the color by 10%, you get **423003**, and if you desaturate by 10%, it is **423411**.

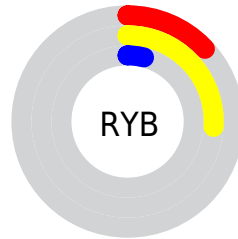
# Distribution



Red (26%)

Green (20%)

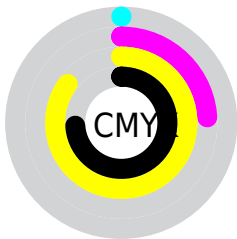
Blue (4%)



Red (13%)

Yellow (26%)

Blue (4%)

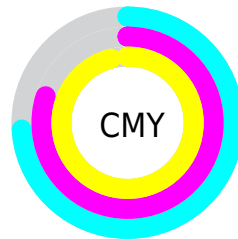


Cyan (0%)

Magenta (24%)

Yellow (85%)

Black (74%)



Cyan (74%)

Magenta (80%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 42320A 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 42320A by changing the saturation by 10% instead.



 42320A

 42320A

 FFFFED

 2B1D00

 746037

 100400

 8F794E

 000000

 AA9266

 C6AD80

 E2C89A

 FFE4B5

 FFFFD1

 42320A

 42320A

■ 423003

■ 423411

■ 422F00

■ 423617

■ 42381E

■ 423A24

■ 423B2B

■ 423D32

■ 423F38

■ 42413F

■ 424345

# Harmonies

## Analogous

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



502A14



42320A



2F380E

# Triad

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



42320A



003E44



49284B

# Complementary

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



42320A



0A1A42

# 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.



2F3058



42320A



003C54

# Square

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



42320A



003E30



00375B



562339

# Rectangle

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



42320A



1F3B17



00375B



422B50



# Sweetspot

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



42320A



575141



420A1B



2B281E



ABABAB



2B2B2B



# Same Dimension

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



42320A



573E00



37420A



21201E



614500



E0A000



# Inverse Universe

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



0A1A42



001957



150A42



1E1F21



001C61

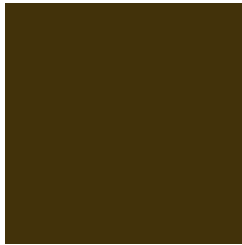


0040E0



# Previews

## White Background



This preview shows how the Hex color 42320A looks on a white background.

## Color Contrast Check

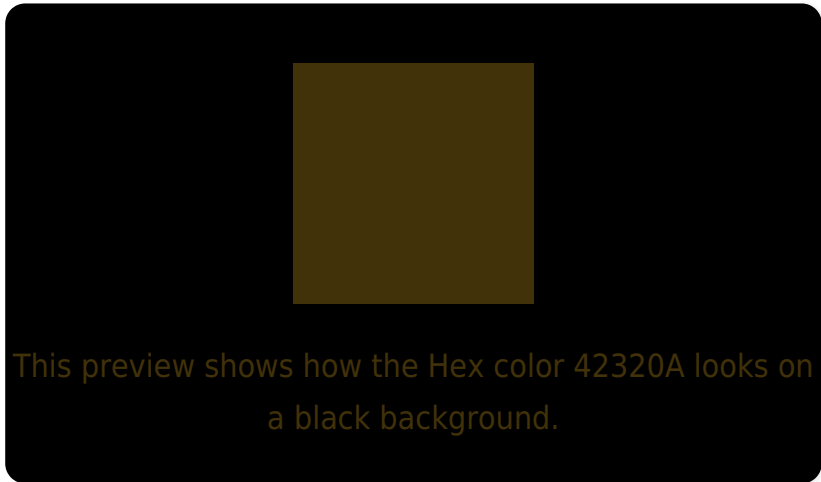
Large Text (above 18pt) WCAG AA ✓ Pass

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

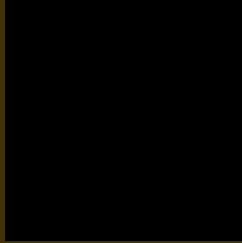
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 42320A Background



This preview shows how black text looks on a background with the Hex color 42320A.

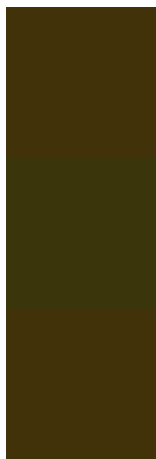


This preview shows how white text looks on a background with the Hex color 42320A.

# 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**  
42320A

**Protanopia**  
3B350B

**Deuteranopia**  
42320A



**Tritanopia**  
442F32

# Trichromacy



**Original Color**  
42320A

**Protanomaly**  
3E340B

**Deuteranomaly**  
42320A

**Tritanomaly**  
433023

# Monochromacy



**Original Color**  
42320A

**Achromatopsia**  
323232

**Achromatomaly**  
383223

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 42320A 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 #42320A looks like.

```
.text, #text, p{  
    color:#42320A  
}
```

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 #42320A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #42320A
}
```

## Border

The CSS property to change the border of an element to Hex 42320A is called "border". The border property can be set on classes, ids or directly on the HTML element.

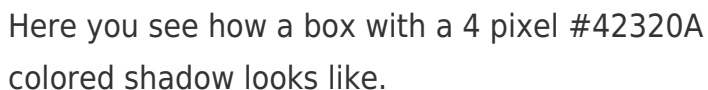
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#42320A }
```

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

```
.border{ border-color:#42320A }
```

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



Here you see how a box with a 4 pixel #42320A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #42320A; -webkit-box-shadow:4px 4px  
4px 4px #42320A; box-shadow:4px 4px 4px  
4px #42320A }
```

# Background

The CSS property to change the background color of an element to Hex 42320A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#42320A }
```

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

```
.background{ background-color:#42320A }
```

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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