

# Converting Colors

Hex(A3321E)

Have a look what the booklet for  
Hex(A3321E) contains.

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# Color

**Hex(A3321E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A3321E
RGB	163, 50, 30
RGB Percent	64%, 20%, 12%
CMY	0.3608, 0.8039, 0.8824
CMYK	0.00, 0.69, 0.82, 0.36
HSL	9°, 69%, 38%
HSV	9°, 82%, 64%
XYZ	16.4792, 10.1615, 2.3211
YIQ	81.5070, 73.7680, 17.7360

# Conversions

## Conversions Part 2

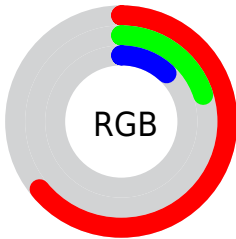
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 54, 30
Decimal	10695198
CIELab	38.13, 45.48, 37.87
CIElCh	38, 59.188, 39.783
Yxy	10.1615, 0.5690, 0.3509
Android (android.graphics.Color)	4288885278 (0xFFA3321E)
YUV	81.5070, -25.3930, 71.4694
Hunter-Lab	31.8771, 36.4927, 17.9968

# Details

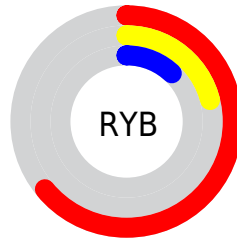
The Hex color **A3321E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1E8FA3**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **E0674C**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A3240E**, and if you desaturate by 10%, it is **A3402E**.

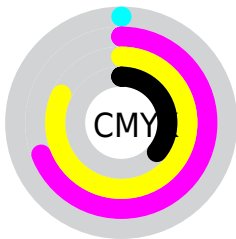
# Distribution



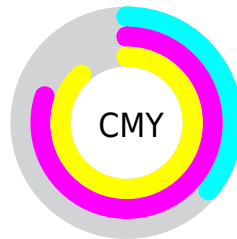
- Red (64%)
- Green (20%)
- Blue (12%)



- Red (64%)
- Yellow (21%)
- Blue (12%)



- Cyan (0%)
- Magenta (69%)
- Yellow (82%)
- Black (36%)



- Cyan (36%)
- Magenta (80%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3321E 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 A3321E by changing the saturation by 10% instead.



 A3321E

 A3321E

FFFFFF

 851407

 E0674C

 670000

 FF8264

 4A0000

 FF9D7E

 300002

 FFB998

 000000

 FFD5B3

 FFF2CE

 FFFFEB

 A3321E

 A3321E

■ A3240E

■ A3402E

■ A31900

■ A34E3F

■ A35C4F

■ A3695F

■ A37770

■ A38580

■ A39390

■ A3A1A0

■ A3AFB1

# Harmonies

## Analogous

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



AD1B4C



A3321E



874B00

# Triad

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



A3321E



006C36



005BB9

# Complementary

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



A3321E



1E8FA3

# 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.



0068B4



A3321E



006E69

# Square

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



A3321E



276700



006E96



6D45A4

# Rectangle

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



A3321E



6E5800



006E96



0060BB



# Sweetspot

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



A3321E



D4A8A1



A31E8F



6B514C



EBEBEB



6B6B6B



# Same Dimension

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



A3321E



D42304



A3741E



524B49



911600



120300



# Inverse Universe

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



1E8FA3



04B4D4



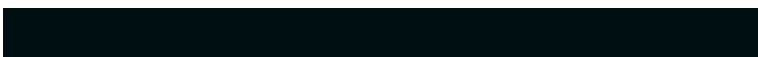
1E4DA3



495052



007B91



000F12



# Previews

## White Background



This preview shows how the Hex color A3321E looks on a white background.

## Color Contrast Check

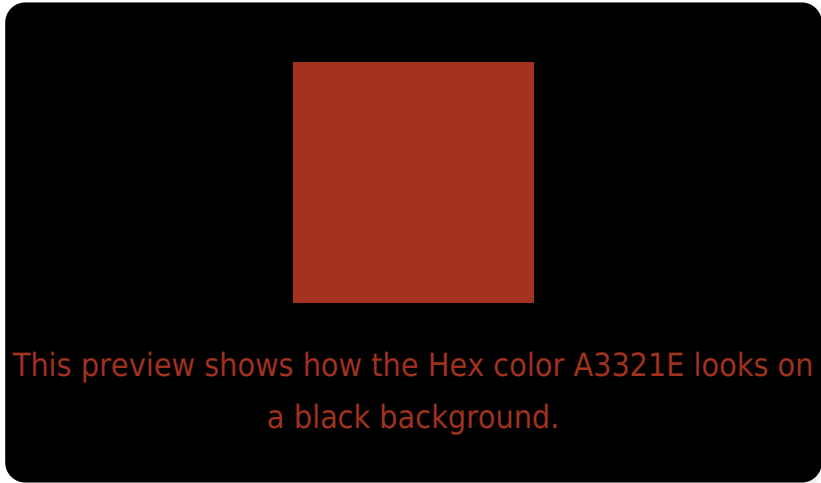
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A3321E Background



This preview shows how black text looks on a background with the Hex color A3321E.



This preview shows how white text looks on a background with the Hex color A3321E.

# 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**  
A3321E

**Protanopia**  
655B29

**Deuteranopia**  
725613



# Trichromacy



**Original Color**  
A3321E

**Protanomaly**  
7C4C25

**Deuteranomaly**  
844917

**Tritanomaly**  
A4312B

# Monochromacy



**Original Color**  
A3321E

**Achromatopsia**  
525252

**Achromatomaly**  
6F463F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3321E 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 #A3321E looks like.

```
.text, #text, p{  
    color:#A3321E  
}
```

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 #A3321E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3321E
}
```

## Border

The CSS property to change the border of an element to Hex A3321E is called "border". The border property can be set on classes, ids or directly on the HTML element.

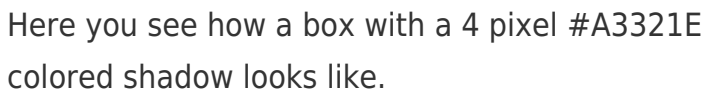
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3321E }
```

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

```
.border{ border-color:#A3321E }
```

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



Here you see how a box with a 4 pixel #A3321E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3321E; -webkit-box-shadow:4px 4px  
4px 4px #A3321E; box-shadow:4px 4px 4px  
4px #A3321E }
```

# Background

The CSS property to change the background color of an element to Hex A3321E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3321E }
```

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

```
.background{ background-color:#A3321E }
```

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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