

Converting Colors

Hex(A32221)

Have a look what the booklet for
Hex(A32221) contains.

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Color

Hex(A32221)

Conversions

Conversions Part 1

Format	Color
Hex	A32221
RGB	163, 34, 33
RGB Percent	64%, 13%, 13%
CMY	0.3608, 0.8667, 0.8706
CMYK	0.00, 0.79, 0.80, 0.36
HSL	0°, 66%, 38%
HSV	0°, 80%, 64%
XYZ	15.9508, 9.0404, 2.3431
YIQ	72.4570, 77.2050, 27.0370

Conversions

Conversions Part 2

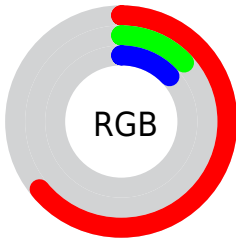
Format	Color
R_{YB}	163, 34, 33
Decimal	10691105
CIE _{Lab}	36.06, 51.39, 34.13
CIE _{LCh}	36, 61.691, 33.592
Yxy	9.0404, 0.5835, 0.3307
Android (android.graphics.Color)	4288881185 (0xFFA32221)
YUV	72.4570, -19.4523, 79.4062
Hunter-Lab	30.0672, 42.0773, 16.4267

Details

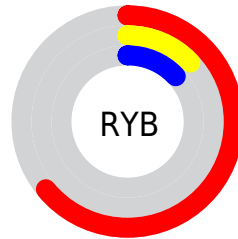
The Hex color **A32221** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **21A2A3**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **E15B4E**, and **670000** is the 20% darker color. If you saturate the color by 10%, you get **A31211**, and if you desaturate by 10%, it is **A33231**.

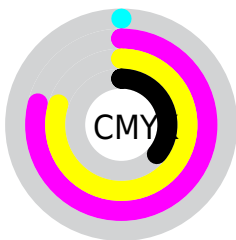
Distribution



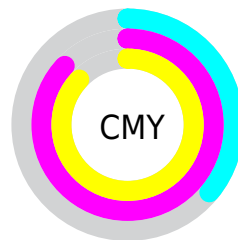
- Red (64%)
- Green (13%)
- Blue (13%)



- Red (64%)
- Yellow (13%)
- Blue (13%)



- Cyan (0%)
- Magenta (79%)
- Yellow (80%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color A32221 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 A32221 by changing the saturation by 10% instead.

 A32221

 A32221

FFFFFF

 85000C

 E15B4E

 670000

 FF7666

 490000

 FF9180

 2E0002

 FFAD9A

 000000

 FFCAB5

 FFE7D0

 FFFFED

 A32221

 A32221

■ A31211

■ A33231

■ A30200

■ A34242

■ A30100

■ A35352

■ A36362

■ A37372

■ A38383

■ A39393

■ A3A3A3

■ A3B4B4

Harmonies

Analogous

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



A90351



A32221



8A4100

Triad

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



A32221



006725



005AB9

Complementary

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



A32221



21A2A3

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.



0065AE



A32221



00695A

Square

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



A32221



2E6100



00698B



5744A8

Rectangle

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



A32221



714F00



00698B



005FB8

Sweetspot

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



A32221



D4A1A1



A321A3



6B4C4C



EBEBEB



6B6B6B

Same Dimension

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



A32221



D40A08



A36221



524A49



910100



120000

Inverse Universe

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



21A2A3



08D2D4



2162A3



495252



009091



001212

Previews

White Background



This preview shows how the Hex color A32221 looks on a white background.

Color Contrast Check

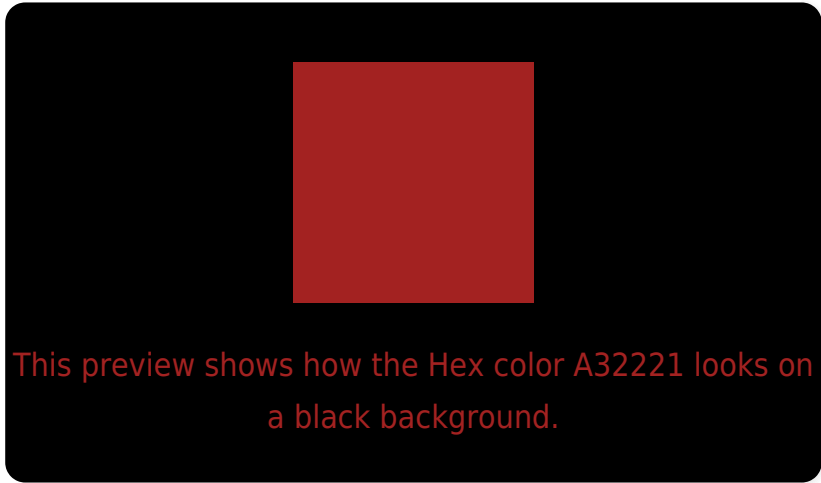
Large Text (above 18pt) WCAG AA ✓ Pass

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 A32221 Background



This preview shows how black text looks on a background with the Hex color A32221.



This preview shows how white text looks on a background with the Hex color A32221.

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
A32221

Protanopia
5F5630

Deuteranopia
6C5216

Trichromacy



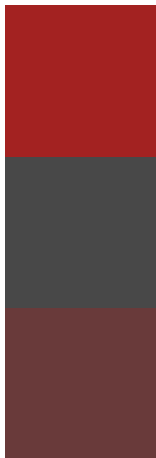
Original Color
A32221

Protanomaly
78432B

Deuteranomaly
80411A

Tritanomaly
A32222

Monochromacy



Original Color
A32221

Achromatopsia
484848

Achromatomaly
693A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex A32221 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 #A32221 looks like.

```
.text, #text, p{  
    color:#A32221  
}
```

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 #A32221 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A32221
}
```

Border

The CSS property to change the border of an element to Hex A32221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

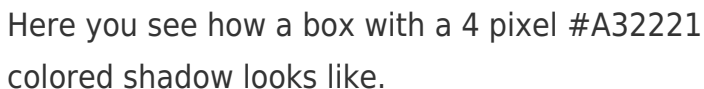
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A32221 }
```

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

```
.border{ border-color:#A32221 }
```

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



Here you see how a box with a 4 pixel #A32221 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A32221; -webkit-box-shadow:4px 4px  
4px 4px #A32221; box-shadow:4px 4px 4px  
4px #A32221 }
```

Background

The CSS property to change the background color of an element to Hex A32221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A32221 }
```

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

```
.background{ background-color:#A32221 }
```

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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