

Converting Colors

Hex(A32100)

Have a look what the booklet for
Hex(A32100) contains.

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Color

Hex(A32100)

Conversions

Conversions Part 1

Format	Color
Hex	A32100
RGB	163, 33, 0
RGB Percent	64%, 13%, 0%
CMY	0.3608, 0.8706, 1.0000
CMYK	0.00, 0.80, 1.00, 0.36
HSL	12°, 100%, 32%
HSV	12°, 100%, 64%
XYZ	15.6481, 8.8742, 0.8882
YIQ	68.1080, 88.0730, 17.2970

Conversions

Conversions Part 2

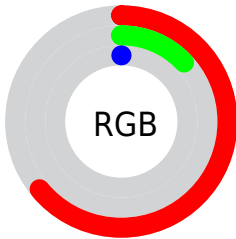
Format	Color
RYB	163, 41, 0
Decimal	10690816
CIELab	35.74, 51.02, 48.92
CIElCh	36, 70.681, 43.797
Yxy	8.8742, 0.6158, 0.3492
Android (android.graphics.Color)	4288880896 (0xFFA32100)
YUV	68.1080, -33.5772, 83.2203
Hunter-Lab	29.7897, 41.6317, 19.0851

Details

The Hex color **A32100** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0082A3**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **E25A32**, and **660000** is the 20% darker color. If you saturate the color by 10%, you get **A32100**, and if you desaturate by 10%, it is **A32E10**.

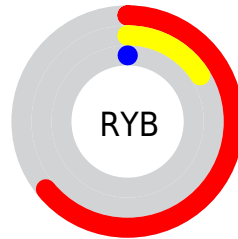
Distribution



Red (64%)

Green (13%)

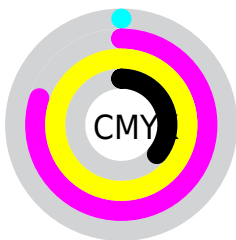
Blue (0%)



Red (64%)

Yellow (16%)

Blue (0%)

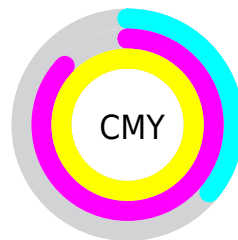


Cyan (0%)

Magenta (80%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (87%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color A32100 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 A32100 by changing the saturation by 10% instead.

 A32100

 A32100

 FFFFEA

 840000

 E25A32

 660000

 FF754A

 480000

 FF9063

 2D0001

 FFAC7C

 000000

 FFC897

 FFE5B2

 FFFFCE

 A32100

 A32E10

 A33B21

 A34831

 A35541

 A36252

 A36F62

 A37C72

 A38982

 A39693

Harmonies

Analogous

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



B3003D



A32100



804600

Triad

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



A32100



006932



0053C4

Complementary

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



A32100



0082A3

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.



0064C3



A32100



006B6E

Square

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



A32100



006400



006AA2



7334A7

Rectangle

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



A32100



615500



006AA2



005AC7

Sweetspot

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



A32100



D4A194



A30082



6B4C45



EBEBEB



6B6B6B

Same Dimension

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



A32100



D42B00



A37200



524B49



911D00



120400

Inverse Universe

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



0082A3



00A9D4



0031A3



495052



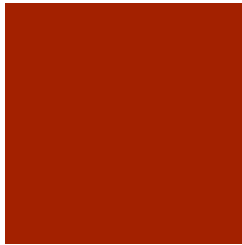
007491



000E12

Previews

White Background



This preview shows how the Hex color A32100 looks on a white background.

Color Contrast Check

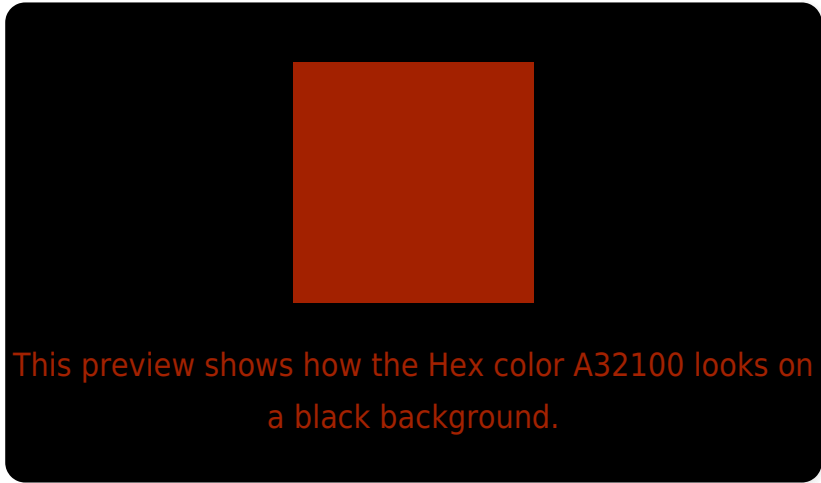
Large Text (above 18pt) WCAG AA ✓ Pass

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

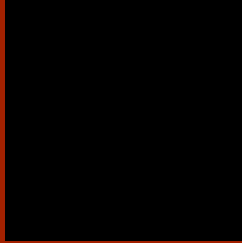
Any Text WCAG AA × Fail

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 A32100 Background



This preview shows how black text looks on a background with the Hex color A32100.



This preview shows how white text looks on a background with the Hex color A32100.

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
A32100

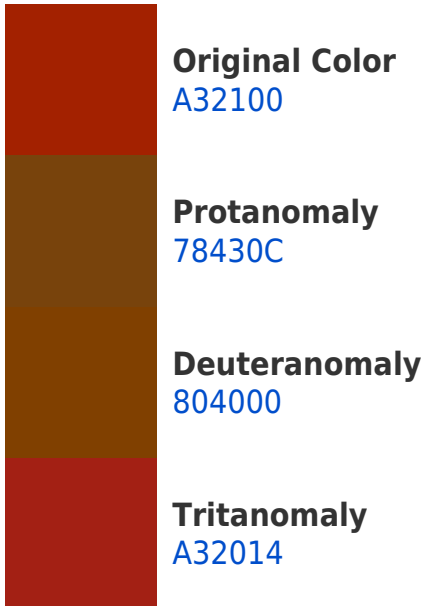
Protanopia
605613

Deuteranopia
6C5100

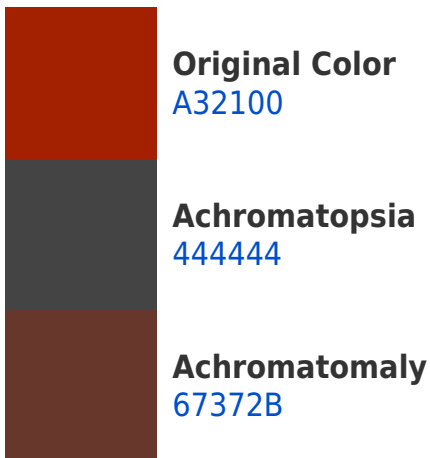


Tritanopia
A31F1F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A32100 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 #A32100 looks like.

```
.text, #text, p{  
    color:#A32100  
}
```

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 #A32100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A32100
}
```

Border

The CSS property to change the border of an element to Hex A32100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

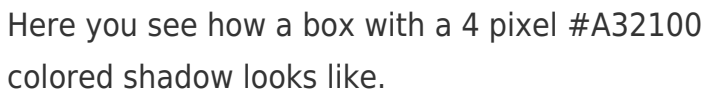
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A32100 }
```

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

```
.border{ border-color:#A32100 }
```

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



Here you see how a box with a 4 pixel `#A32100` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A32100; -webkit-box-shadow:4px 4px  
4px 4px #A32100; box-shadow:4px 4px 4px  
4px #A32100 }
```

Background

The CSS property to change the background color of an element to Hex A32100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A32100 }
```

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

```
.background{ background-color:#A32100 }
```

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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