

# Converting Colors

Hex(A32731)

Have a look what the booklet for  
Hex(A32731) contains.

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**Color**

**Hex(A32731)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A32731
RGB	163, 39, 49
RGB Percent	64%, 15%, 19%
CMY	0.3608, 0.8471, 0.8078
CMYK	0.00, 0.76, 0.70, 0.36
HSL	355°, 61%, 40%
HSV	355°, 76%, 64%
XYZ	16.3842, 9.4593, 3.8680
YIQ	77.2160, 70.6940, 29.3980

# Conversions

## Conversions Part 2

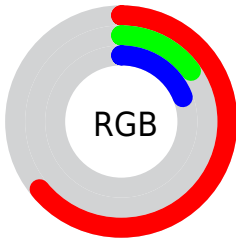
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	163, 39, 49
Decimal	10692401
CIE <sub>Lab</sub>	36.85, 50.45, 25.38
CIE <sub>LCh</sub>	37, 56.475, 26.707
Yxy	9.4593, 0.5514, 0.3184
Android (android.graphics.Color)	4288882481 (0xFFA32731)
YUV	77.2160, -13.9105, 75.2326
Hunter-Lab	30.7560, 41.2664, 14.0726

# Details

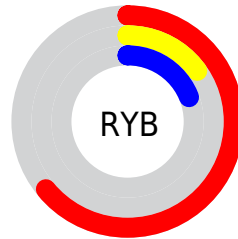
The Hex color **A32731** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27A399**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E05F5F**, and **680004** is the 20% darker color. If you saturate the color by 10%, you get **A31722**, and if you desaturate by 10%, it is **A33740**.

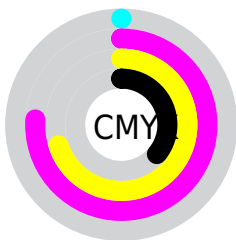
# Distribution



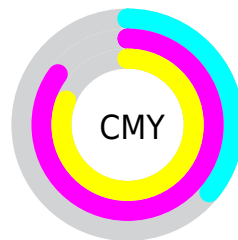
- Red (64%)
- Green (15%)
- Blue (19%)



- Red (64%)
- Yellow (15%)
- Blue (19%)



- Cyan (0%)
- Magenta (76%)
- Yellow (70%)
- Black (36%)



- Cyan (36%)
- Magenta (85%)
- Yellow (81%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A32731 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 A32731 by changing the saturation by 10% instead.



 A32731

 A32731

FFFFFF

 85001C

 E05F5F

 680004

 FF7A78

 4B0000

 FF9592

 300002

 FFB1AC

 000000

 FFCEC8

 FFEBE4

 A32731

 A32731

 A31722

 A33740

 A30613

 A3484F

 A3000D

 A3585E

 A3686D

 A3797C

 A3898B

 A3999A

 A3A9A9

 A3BAB8

# Harmonies

## Analogous

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



A21E5E



A32731



8F3F01

# Triad

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



A32731



006720



005EB2

# Complementary

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



A32731



27A399

# 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.



0067A3



A32731



006A50

# Square

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



A32731



426000



006A7F



464DA9

# Rectangle

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



A32731



7A4D00



006A7F



0062B0



# Sweetspot

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



A32731



D4A3A7



9927A3



6B4D50



EBEBEB



6B6B6B



# Same Dimension

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



A32731



D41323



A35B27



52494A



91000C



120001



# Inverse Universe

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



A32731



D41323



276FA3



52494A



91000C



120001



# Previews

## White Background



This preview shows how the Hex color A32731 looks on a white background.

## Color Contrast Check

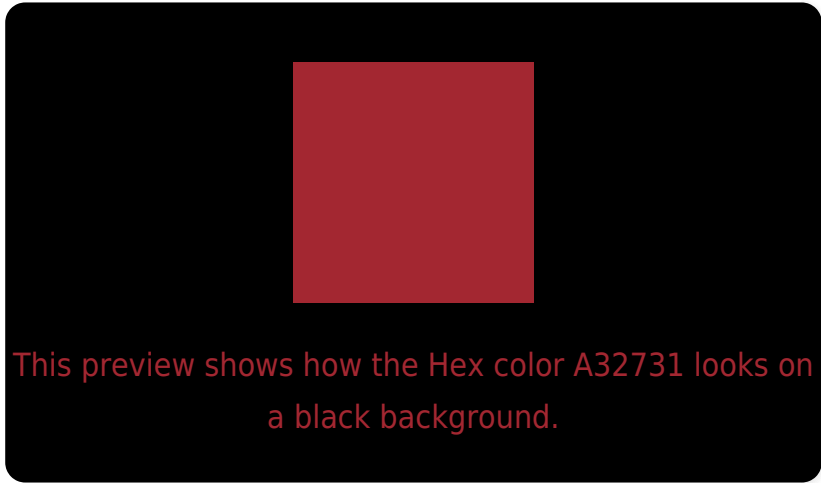
Large Text (above 18pt) WCAG AA ✓ Pass

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 A32731 Background



This preview shows how black text looks on a background with the Hex color A32731.



This preview shows how white text looks on a background with the Hex color A32731.

# 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**  
A32731

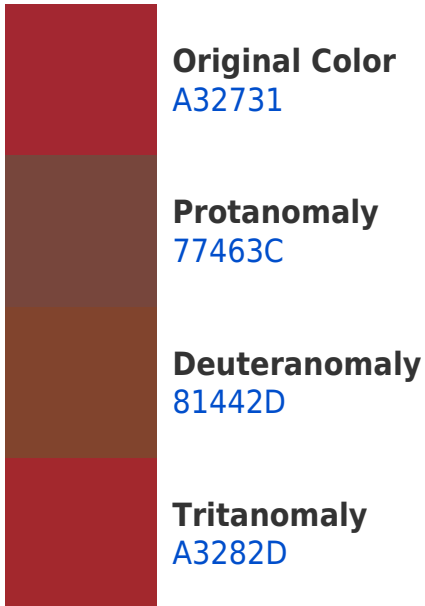
**Protanopia**  
5E5843

**Deuteranopia**  
6D542A



**Tritanopia**  
A3282A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A32731 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 #A32731 looks like.

```
.text, #text, p{  
  color:#A32731  
}
```

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 #A32731 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A32731
}
```

## Border

The CSS property to change the border of an element to Hex A32731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

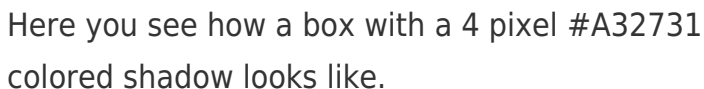
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A32731 }
```

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

```
.border{ border-color:#A32731 }
```

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



Here you see how a box with a 4 pixel `#A32731` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A32731; -webkit-box-shadow:4px 4px  
4px 4px #A32731; box-shadow:4px 4px 4px  
4px #A32731 }
```

# Background

The CSS property to change the background color of an element to Hex A32731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A32731 }
```

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

```
.background{ background-color:#A32731 }
```

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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