

Converting Colors

Hex(A32237)

Have a look what the booklet for
Hex(A32237) contains.

Hex(A32237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A32237)

Conversions

Conversions Part 1

Format	Color
Hex	A32237
RGB	163, 34, 55
RGB Percent	64%, 13%, 22%
CMY	0.3608, 0.8667, 0.7843
CMYK	0.00, 0.79, 0.66, 0.36
HSL	350°, 65%, 39%
HSV	350°, 79%, 64%
XYZ	16.3659, 9.2064, 4.5289
YIQ	74.9650, 70.1430, 33.8790

Conversions

Conversions Part 2

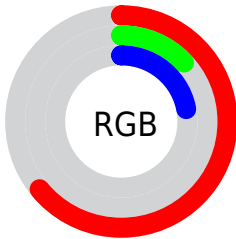
Format	Color
R _Y B	163, 34, 55
Decimal	10691127
CIE Lab	36.38, 52.40, 21.01
CIE LCh	36, 56.452, 21.853
Yxy	9.2064, 0.5437, 0.3058
Android (android.graphics.Color)	4288881207 (0xFFA32237)
YUV	74.9650, -9.8427, 77.2067
Hunter-Lab	30.3421, 43.1804, 12.3898

Details

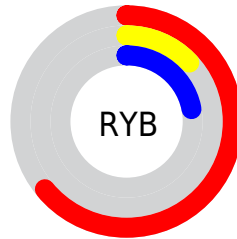
The Hex color **A32237** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **22A38E**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **E05B66**, and **68000D** is the 20% darker color. If you saturate the color by 10%, you get **A31229**, and if you desaturate by 10%, it is **A33245**.

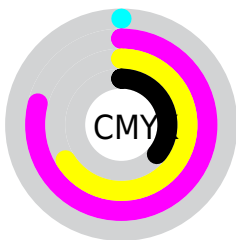
Distribution



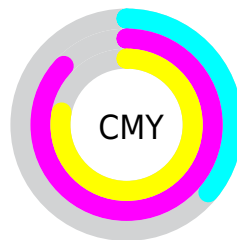
- Red (64%)
- Green (13%)
- Blue (22%)



- Red (64%)
- Yellow (13%)
- Blue (22%)



- Cyan (0%)
- Magenta (79%)
- Yellow (66%)
- Black (36%)



- Cyan (36%)
- Magenta (87%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color A32237 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 A32237 by changing the saturation by 10% instead.

 A32237

 A32237

FFFFFF

 850022

 E05B66

 68000D

 FF777F

 4B0000

 FF9298

 300002

 FFAEB3

 000000

 FFCBCF

 FFE8EB

 A32237

 A32237

 A31229

 A33245

 A3011C

 A34352

 A3001B

 A35360

 A3636E

 A3747B

 A38489

 A39497

 A3A4A4

 A3B5B2

Harmonies

Analogous

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



9F1F64



A32237



923A09

Triad

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



A32237



006516



005FB0

Complementary

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



A32237



22A38E

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.



00679D



A32237



006847

Square

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



A32237



495D00



006976



324FAB

Rectangle

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



A32237



7E4900



006976



0062AC

Sweetspot

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



A32237



D4A1A9



8E22A3



6B4C51



EBEBEB



6B6B6B

Same Dimension

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



A32237



D40B2B



A34D22



52494B



910018



120003

Inverse Universe

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



A32237



D40B2B



2278A3



52494B



910018



120003

Previews

White Background



This preview shows how the Hex color A32237 looks on a white background.

Color Contrast Check

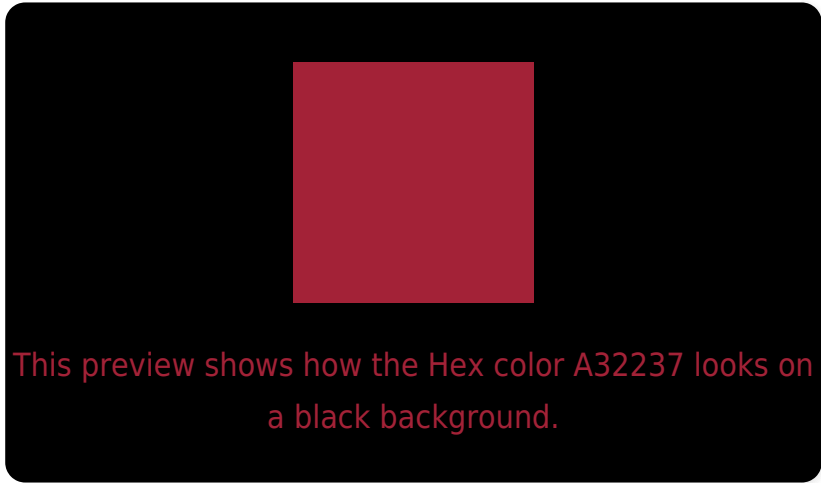
Large Text (above 18pt) WCAG AA ✓ Pass

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 A32237 Background



This preview shows how black text looks on a background with the Hex color A32237.

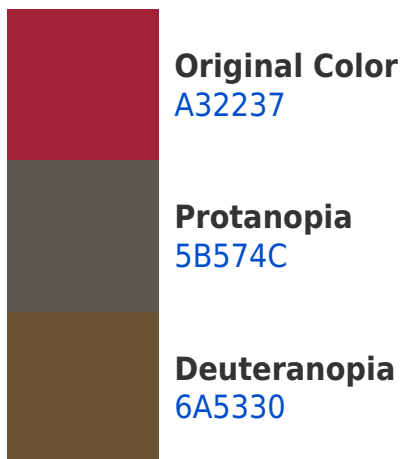


This preview shows how white text looks on a background with the Hex color A32237.

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





Tritanopia
A22526

Trichromacy



Original Color
A32237

Protanomaly
754444

Deuteranomaly
7F4133

Tritanomaly
A2242C

Monochromacy



Original Color
A32237

Achromatopsia
4B4B4B

Achromatomaly
6B3C44

CSS Examples

Text

The CSS property to change the color of the text to Hex A32237 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 #A32237 looks like.

```
.text, #text, p{  
    color:#A32237  
}
```

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 #A32237 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A32237
}
```

Border

The CSS property to change the border of an element to Hex A32237 is called "border". The border property can be set on classes, ids or directly on the HTML element.

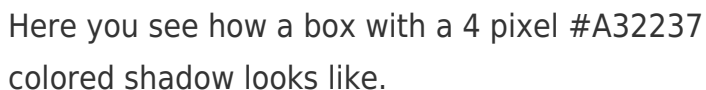
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A32237 }
```

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

```
.border{ border-color:#A32237 }
```

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



Here you see how a box with a 4 pixel `#A32237` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A32237; -webkit-box-shadow:4px 4px  
4px 4px #A32237; box-shadow:4px 4px 4px  
4px #A32237 }
```

Background

The CSS property to change the background color of an element to Hex A32237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A32237 }
```

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

```
.background{ background-color:#A32237 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor