

Converting Colors

Hex(A31A57)

Have a look what the booklet for
Hex(A31A57) contains.

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Color

Hex(A31A57)

Conversions

Conversions Part 1

Format	Color
Hex	A31A57
RGB	163, 26, 87
RGB Percent	64%, 10%, 34%
CMY	0.3608, 0.8980, 0.6588
CMYK	0.00, 0.84, 0.47, 0.36
HSL	333°, 72%, 37%
HSV	333°, 84%, 64%
XYZ	17.1940, 9.2134, 9.8890
YIQ	73.9170, 62.0710, 48.0150

Conversions

Conversions Part 2

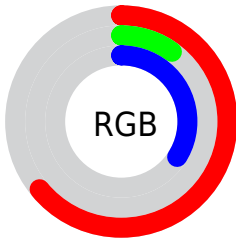
Format	Color
R_{YB}	163, 26, 87
Decimal	10689111
CIE Lab	36.39, 56.95, 0.43
CIE LCh	36, 56.954, 0.434
Yxy	9.2134, 0.4737, 0.2538
Android (android.graphics.Color)	4288879191 (0xFFA31A57)
YUV	73.9170, 6.4499, 78.1258
Hunter-Lab	30.3536, 47.9932, 1.9313

Details

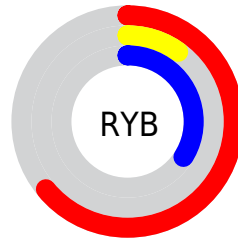
The Hex color **A31A57** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1AA366**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **DE5889**, and **69002A** is the 20% darker color. If you saturate the color by 10%, you get **A30A4E**, and if you desaturate by 10%, it is **A32A60**.

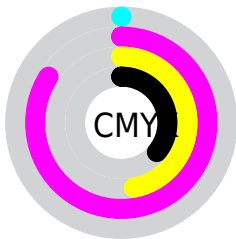
Distribution



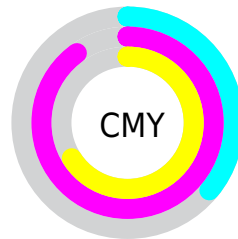
- Red (64%)
- Green (10%)
- Blue (34%)



- Red (64%)
- Yellow (10%)
- Blue (34%)



- Cyan (0%)
- Magenta (84%)
- Yellow (47%)
- Black (36%)



- Cyan (36%)
- Magenta (90%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color A31A57 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 A31A57 by changing the saturation by 10% instead.

 A31A57

 A31A57

FFFFFF

 860040

 DE5889

 69002A

 FD73A3

 4D0016

 FF8FBE

 330002

 FFABDA

 000000

 FFC8F6

 FFE5FF

 A31A57

 A31A57

 A30A4E

 A32A60

 A30049

 A33B69

 A34B72

 A35B7B

 A36B84

 A37C8D

 A38C96

 A39C9F

 A3ADA8

Harmonies

Analogous

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



8B2F84



A31A57



A1282A

Triad

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



A31A57



3A6000



0065A5

Complementary

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



A31A57



1AA366

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.



006983



A31A57



006625

Square

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



A31A57



685400



006955



005BB2

Rectangle

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



A31A57



94390B



006955



00679C

Sweetspot

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



A31A57



D49FB6



651AA3



6B4B59



EBEBEB



6B6B6B

Same Dimension

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



A31A57



D4005E



A3211A



52494D



910041



120008

Inverse Universe

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



A31A57



D4005E



1A9CA3



52494D



910041



120008

Previews

White Background



This preview shows how the Hex color A31A57 looks on a white background.

Color Contrast Check

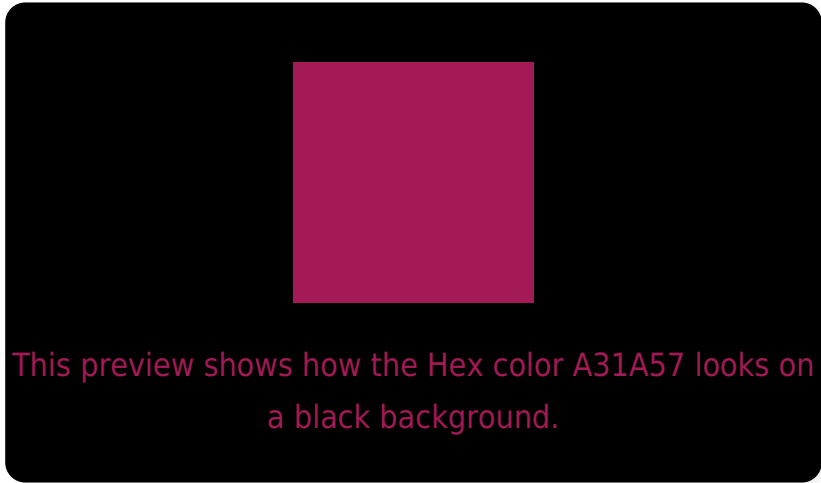
Large Text (above 18pt) WCAG AA ✓ Pass

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 A31A57 Background



This preview shows how black text looks on a background with the Hex color A31A57.

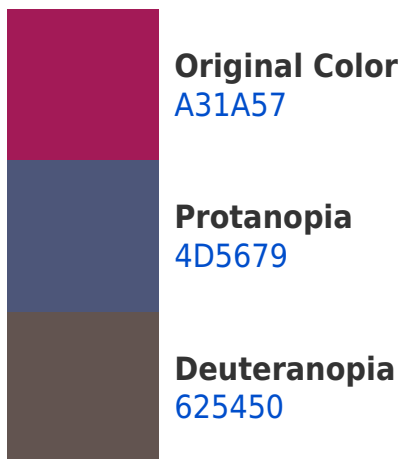


This preview shows how white text looks on a background with the Hex color A31A57.

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



Trichromacy



Original Color
A31A57

Protanomaly
6C406D

Deuteranomaly
7A3F53

Tritanomaly
A2243A

Monochromacy



Original Color
A31A57

Achromatopsia
4A4A4A

Achromatomaly
6A394F

CSS Examples

Text

The CSS property to change the color of the text to Hex A31A57 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 #A31A57 looks like.

```
.text, #text, p{  
    color:#A31A57  
}
```

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 #A31A57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A31A57  
}
```

Border

The CSS property to change the border of an element to Hex A31A57 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  
#A31A57 }
```

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

```
.border{ border-color:#A31A57 }
```

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

Here you see how a box with a 4 pixel #A31A57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A31A57; -webkit-box-shadow:4px 4px  
4px 4px #A31A57; box-shadow:4px 4px 4px  
4px #A31A57 }
```

Background

The CSS property to change the background color of an element to Hex A31A57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A31A57 }
```

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

```
.background{ background-color:#A31A57 }
```

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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