

# Converting Colors

Hex(A51D57)

Have a look what the booklet for  
Hex(A51D57) contains.

<b>Hex(A51D57)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A51D57)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A51D57
RGB	165, 29, 87
RGB Percent	65%, 11%, 34%
CMY	0.3529, 0.8863, 0.6588
CMYK	0.00, 0.82, 0.47, 0.35
HSL	334°, 70%, 38%
HSV	334°, 82%, 65%
XYZ	17.6767, 9.5662, 9.9316
YIQ	76.2760, 62.4380, 46.8700

# Conversions

## Conversions Part 2

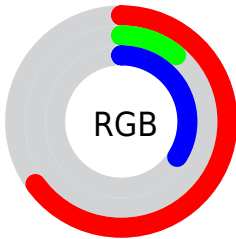
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 29, 87
Decimal	10820951
CIE Lab	37.05, 56.73, 1.44
CIE LCh	37, 56.747, 1.454
Yxy	9.5662, 0.4755, 0.2573
Android (android.graphics.Color)	4289011031 (0xFFA51D57)
YUV	76.2760, 5.2869, 77.8109
Hunter-Lab	30.9292, 47.8903, 2.6120

# Details

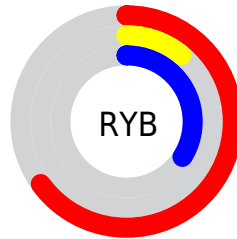
The Hex color **A51D57** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **1DA56B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E15A89**, and **6B002A** is the 20% darker color. If you saturate the color by 10%, you get **A50D4E**, and if you desaturate by 10%, it is **A52D60**.

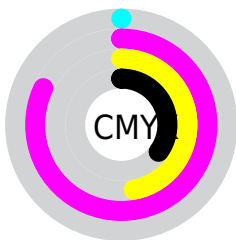
# Distribution



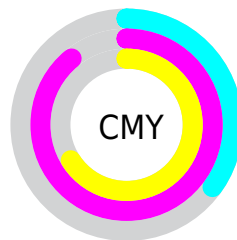
- Red (65%)
- Green (11%)
- Blue (34%)



- Red (65%)
- Yellow (11%)
- Blue (34%)



- Cyan (0%)
- Magenta (82%)
- Yellow (47%)
- Black (35%)



- Cyan (35%)
- Magenta (89%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A51D57 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 A51D57 by changing the saturation by 10% instead.




 A51D57

 A51D57

FFFFFF

 880040

 E15A89

 6B002A

 FF75A3

 4F0016

 FF91BE

 350002

 FFADDA

 020000

 FFCAF6

 000000

 FFE7FF

 A51D57

 A51D57

 A50D4E

 A52D60

 A50046

 A53E6A

 A54F73

 A55F7D

 A56F86

 A58090

 A59099

 A5A1A3

 A5B1AC

# Harmonies

## Analogous

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



8E3084



A51D57



A22B2A

# Triad

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



A51D57



3A6200



0067A8

# Complementary

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



A51D57



1DA56B

# 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.



006B86



A51D57



006828

# Square

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



A51D57



685600



006B58



005CB4

# Rectangle

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



A51D57



953B0B



006B58



00699E



# Sweetspot

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



A51D57



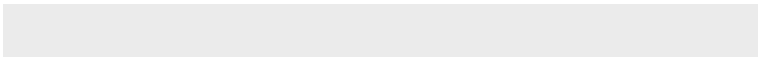
D6A1B7



6A1DA5



6B4B59



EBEBEB



6B6B6B



# Same Dimension

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



A51D57



D6025D



A5261D



52494D



91003E



120008



# Inverse Universe

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



A51D57



D6025D



1D9CA5



52494D



91003E



120008



# Previews

## White Background



This preview shows how the Hex color A51D57 looks on a white background.

## Color Contrast Check

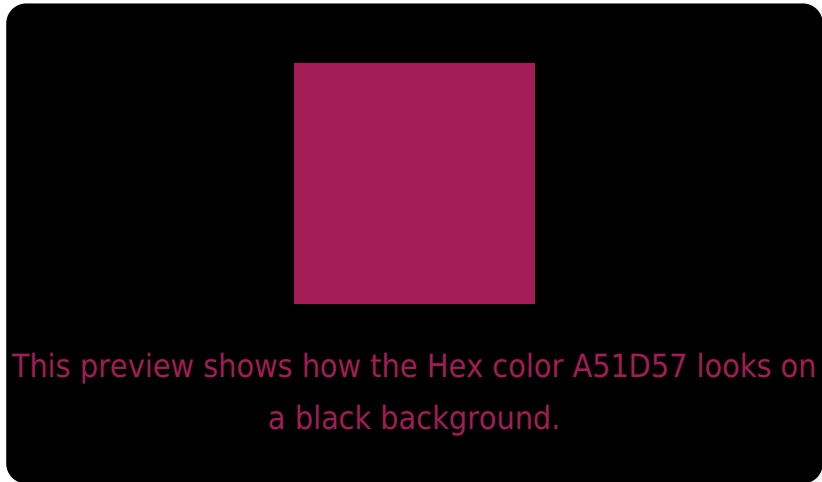
Large Text (above 18pt) WCAG AA ✓ Pass

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 A51D57 Background



This preview shows how black text looks on a background with the Hex color A51D57.



This preview shows how white text looks on a background with the Hex color A51D57.

# 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



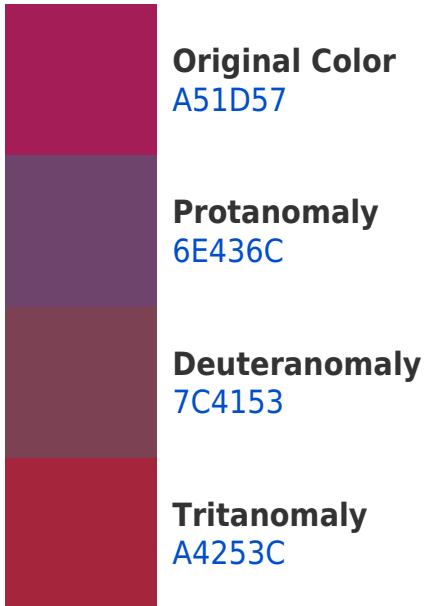
**Original Color**  
A51D57

**Protanopia**  
4F5878

**Deuteranopia**  
645551



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A51D57 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 #A51D57 looks like.

```
.text, #text, p{  
    color:#A51D57  
}
```

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 #A51D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A51D57
}
```

## Border

The CSS property to change the border of an element to Hex A51D57 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".

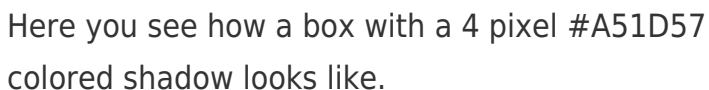
```
.border, #border, table{ border:4px solid
#A51D57 }
```

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

```
.border{ border-color:#A51D57 }
```

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

Here you see how a box with a 4 pixel #A51D57 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A51D57; -webkit-box-shadow:4px 4px  
4px 4px #A51D57; box-shadow:4px 4px 4px  
4px #A51D57 }
```

# Background

The CSS property to change the background color of an element to Hex A51D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A51D57 }
```

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

```
.background{ background-color:#A51D57 }
```

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