

Converting Colors

Hex(A50133)

Have a look what the booklet for
Hex(A50133) contains.

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Color

Hex(A50133)

Conversions

Conversions Part 1

Format	Color
Hex	A50133
RGB	165, 1, 51
RGB Percent	65%, 0%, 20%
CMY	0.3529, 0.9961, 0.8000
CMYK	0.00, 0.99, 0.69, 0.35
HSL	342°, 99%, 33%
HSV	342°, 99%, 65%
XYZ	16.1254, 8.2601, 3.8764
YIQ	55.7360, 81.6940, 50.3180

Conversions

Conversions Part 2

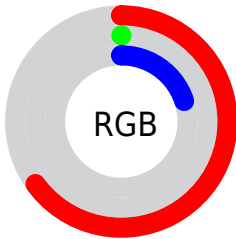
Format	Color
RYB	165, 1, 51
Decimal	10813747
CIELab	34.52, 59.04, 21.31
CIElCh	35, 62.771, 19.843
Yxy	8.2601, 0.5706, 0.2923
Android (android.graphics.Color)	4289003827 (0xFFA50133)
YUV	55.7360, -2.3348, 95.8245
Hunter-Lab	28.7403, 49.8562, 12.1214

Details

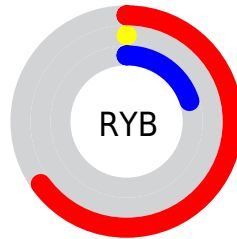
The Hex color **A50133** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **01A573**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **E34D61**, and **690006** is the 20% darker color. If you saturate the color by 10%, you get **A50032**, and if you desaturate by 10%, it is **A5113E**.

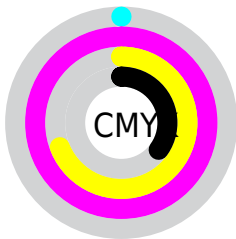
Distribution



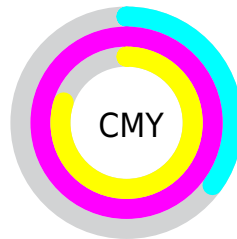
- Red (65%)
- Green (0%)
- Blue (20%)



- Red (65%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (99%)
- Yellow (69%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color A50133 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 A50133 by changing the saturation by 10% instead.

 A50133

 A50133

FFFFFF

 87001E

 E34D61

 690006

 FF6A7A

 4C0001

 FF8693

 2F0002

 FFA2AE

 000000

 FFBFC9

 FFDCE5

 FFF9FF

 A50133

 A50133

 A50032

 A5113E

 A5224A

 A53255

 A54361

 A5536C

 A56478

 A57483

 A5858F

 A5959A

Harmonies

Analogous

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



9F0064



A50133



932F00

Triad

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



A50133



006100



005DB5

Complementary

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



A50133



01A573

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.



00649E



A50133



00653E

Square

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



A50133



455900



006672



004CB1

Rectangle

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



A50133



7F4200



006672



0060B0

Sweetspot

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



A50133



D696AA



7101A5



6B4550



EBEBEB



6B6B6B

Same Dimension

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



A50133



D60041



A51F01



52494C



91002C



120005

Inverse Universe

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



A50133



D60041



0187A5



52494C



91002C



120005

Previews

White Background



This preview shows how the Hex color A50133 looks on a white background.

Color Contrast Check

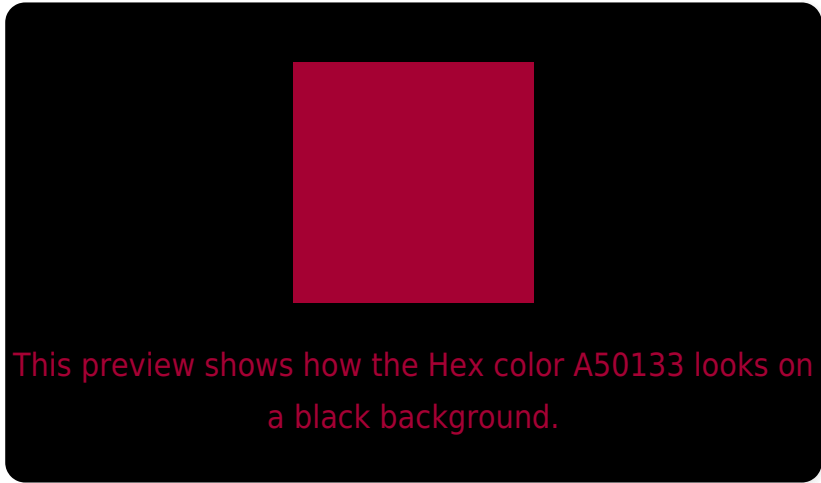
Large Text (above 18pt) WCAG AA ✓ Pass

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 A50133 Background



This preview shows how black text looks on a background with the Hex color A50133.



This preview shows how white text looks on a background with the Hex color A50133.

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
A50133

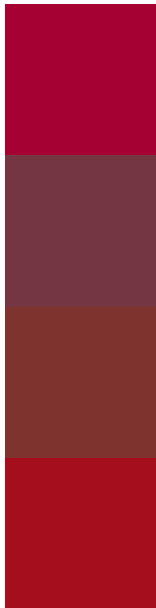
Protanopia
58544B

Deuteranopia
67502B



Tritanopia
A41511

Trichromacy



Original Color
A50133

Protanomaly
743642

Deuteranomaly
7E332E

Tritanomaly
A40E1D

Monochromacy



Original Color
A50133

Achromatopsia
383838

Achromatomaly
602436

CSS Examples

Text

The CSS property to change the color of the text to Hex A50133 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 #A50133 looks like.

```
.text, #text, p{  
    color:#A50133  
}
```

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 #A50133 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50133  
}
```

Border

The CSS property to change the border of an element to Hex A50133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

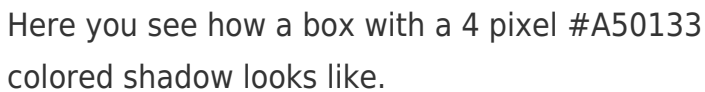
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A50133 }
```

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

```
.border{ border-color:#A50133 }
```

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



Here you see how a box with a 4 pixel `#A50133` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50133; -webkit-box-shadow:4px 4px  
4px 4px #A50133; box-shadow:4px 4px 4px  
4px #A50133 }
```

Background

The CSS property to change the background color of an element to Hex A50133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50133 }
```

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

```
.background{ background-color:#A50133 }
```

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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