

Converting Colors

Hex(A50047)

Have a look what the booklet for
Hex(A50047) contains.

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Color

Hex(A50047)

Conversions

Conversions Part 1

Format	Color
Hex	A50047
RGB	165, 0, 71
RGB Percent	65%, 0%, 28%
CMY	0.3529, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.57, 0.35
HSL	334°, 100%, 32%
HSV	334°, 100%, 65%
XYZ	16.6544, 8.4543, 6.7153
YIQ	57.4290, 75.5490, 57.0610

Conversions

Conversions Part 2

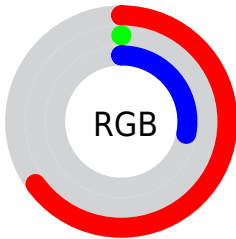
Format	Color
R_{YB}	165, 0, 71
Decimal	10813511
CIE _{Lab}	34.91, 60.34, 8.76
CIE _{LCh}	35, 60.977, 8.259
Yxy	8.4543, 0.5233, 0.2657
Android (android.graphics.Color)	4289003591 (0xFFA50047)
YUV	57.4290, 6.6905, 94.3398
Hunter-Lab	29.0762, 51.3585, 6.6601

Details

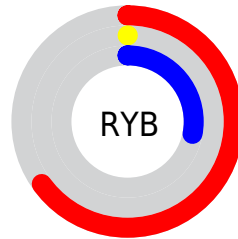
The Hex color **A50047** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **00A55E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **E24E77**, and **6A001C** is the 20% darker color. If you saturate the color by 10%, you get **A50047**, and if you desaturate by 10%, it is **A51050**.

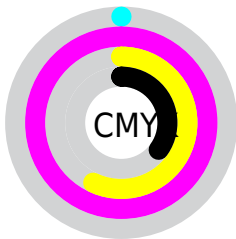
Distribution



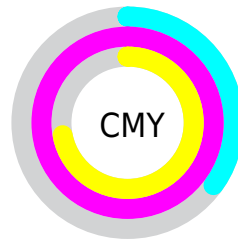
- Red (65%)
- Green (0%)
- Blue (28%)



- Red (65%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (57%)
- Black (35%)



- Cyan (35%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color A50047 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 A50047 by changing the saturation by 10% instead.

 A50047

 A50047

FFFFFF

 870031

 E24E77

 6A001C

 FF6A91

 4E0001

 FF86AB

 310002

 FFA3C6

 000000

 FFC0E2

 FFDDFF

 FFFAFF

 A50047

 A51050

 A5215A

 A53263

 A5426D

 A55276

 A5637F

 A57389

 A58492

 A5949C

Harmonies

Analogous

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



941B77



A50047



9C2518

Triad

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



A50047



1F5F00



0061AD

Complementary

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



A50047



00A55E

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.



00668E



A50047



00642B

Square

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



A50047



595400



00665F



0054B4

Rectangle

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



A50047



8B3900



00665F



0063A5

Sweetspot

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



A50047



D696B2



5D00A5



6B4555



EBEBEB



6B6B6B

Same Dimension

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



A50047



D6005C



A50B00



52494D



91003F



120008

Inverse Universe

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



A50047



D6005C



009AA5



52494D



91003F



120008

Previews

White Background



This preview shows how the Hex color A50047 looks on a white background.

Color Contrast Check

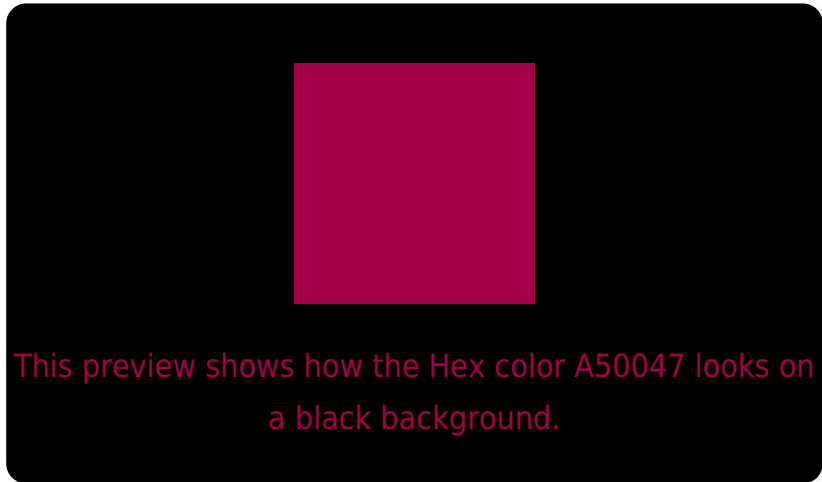
Large Text (above 18pt) WCAG AA ✓ Pass

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 A50047 Background



This preview shows how black text looks on a background with the Hex color A50047.

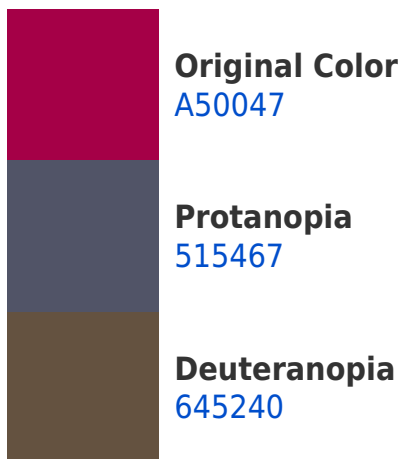


This preview shows how white text looks on a background with the Hex color A50047.

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
A31C1B

Trichromacy



Original Color
A50047

Protanomaly
70355B

Deuteranomaly
7C3443

Tritanomaly
A4122B

Monochromacy



Original Color
A50047

Achromatopsia
393939

Achromatomaly
60243E

CSS Examples

Text

The CSS property to change the color of the text to Hex A50047 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 #A50047 looks like.

```
.text, #text, p{  
    color:#A50047  
}
```

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 #A50047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A50047
}
```

Border

The CSS property to change the border of an element to Hex A50047 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".

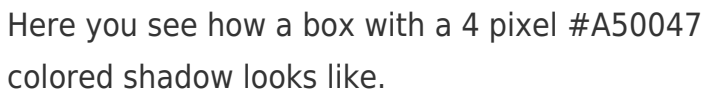
```
.border, #border, table{ border:4px solid
#A50047 }
```

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

```
.border{ border-color:#A50047 }
```

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

Here you see how a box with a 4 pixel #A50047 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #A50047 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A50047; -webkit-box-shadow:4px 4px  
4px 4px #A50047; box-shadow:4px 4px 4px  
4px #A50047 }
```

Background

The CSS property to change the background color of an element to Hex A50047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A50047 }
```

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

```
.background{ background-color:#A50047 }
```

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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