

# Converting Colors

Hex(A52547)

Have a look what the booklet for  
Hex(A52547) contains.

<b>Hex(A52547)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(A52547)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A52547
RGB	165, 37, 71
RGB Percent	65%, 15%, 28%
CMY	0.3529, 0.8549, 0.7216
CMYK	0.00, 0.78, 0.57, 0.35
HSL	344°, 63%, 40%
HSV	344°, 78%, 65%
XYZ	17.3159, 9.7774, 6.9358
YIQ	79.1480, 65.3740, 37.7100

# Conversions

## Conversions Part 2

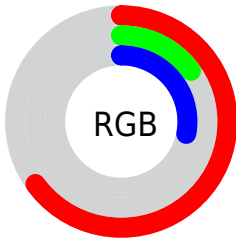
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">165, 37, 71</a>
Decimal	<a href="#">10822983</a>
CIELab	<a href="#">37.44, 53.10, 12.26</a>
CIElCh	<a href="#">37, 54.501, 13.003</a>
Yxy	<a href="#">9.7774, 0.5089, 0.2873</a>
Android (android.graphics.Color)	<a href="#">4289013063 (0xFFA52547)</a>
YUV	<a href="#">79.1480, -4.0170, 75.2922</a>
Hunter-Lab	<a href="#">31.2688, 44.1287, 8.7369</a>

# Details

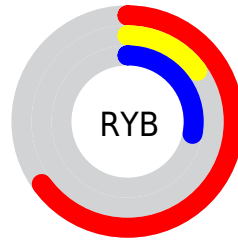
The Hex color **A52547** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **25A583**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **E15E77**, and **6B001C** is the 20% darker color. If you saturate the color by 10%, you get **A5153B**, and if you desaturate by 10%, it is **A53553**.

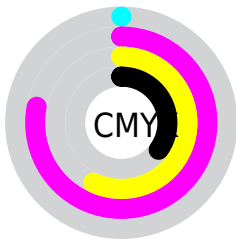
# Distribution



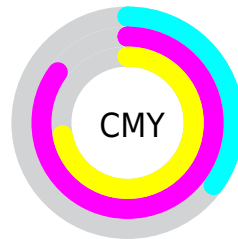
- Red (65%)
- Green (15%)
- Blue (28%)



- Red (65%)
- Yellow (15%)
- Blue (28%)



- Cyan (0%)
- Magenta (78%)
- Yellow (57%)
- Black (35%)



- Cyan (35%)
- Magenta (85%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A52547 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 A52547 by changing the saturation by 10% instead.




 A52547

 A52547

FFFFFF

 880031

 E15E77

 6B001C

 FF7A91

 4F0001

 FF95AB

 340002

 FFB1C6

 000000

 FFC EE2

 FFE BFF

 A52547

 A52547

 A5153B

 A53553

 A5042F

 A5465F

 A5002C

 A5566B

 A56777

 A57784

 A58890

 A5989C

 A5A9A8

 A5BAB4

# Harmonies

## Analogous

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



992B73



A52547



9A381D

# Triad

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



A52547



24650C



0064AD

# Complementary

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



A52547



25A583

# 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.



006A94



A52547



006A3D

# Square

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



A52547



5A5C00



006C6B



0057AF

# Rectangle

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



A52547



8A4600



006C6B



0067A7



# Sweetspot

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



A52547



D6A5B2



8325A5



6B4D55



EBEBEB



6B6B6B



# Same Dimension

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



A52547



D60F44



A54325



52494C



910027



120005



# Inverse Universe

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



A52547



D60F44



2587A5



52494C



910027

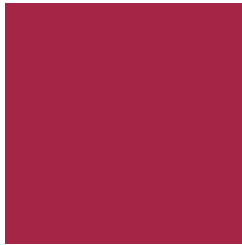


120005



# Previews

## White Background



This preview shows how the Hex color A52547 looks on a white background.

## Color Contrast Check

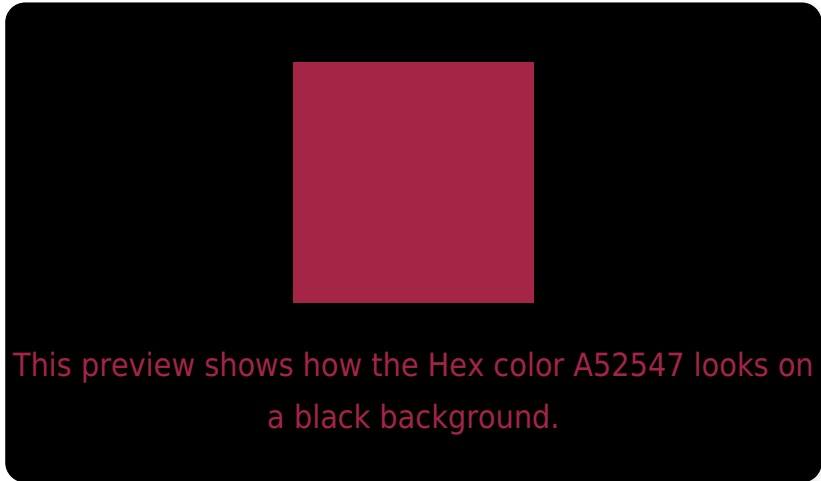
Large Text (above 18pt) WCAG AA ✓ Pass

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 A52547 Background



This preview shows how black text looks on a background with the Hex color A52547.

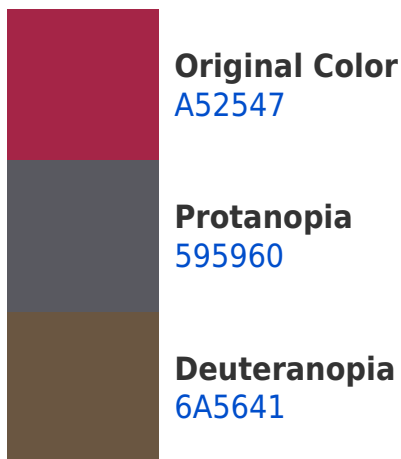


This preview shows how white text looks on a background with the Hex color A52547.

# 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



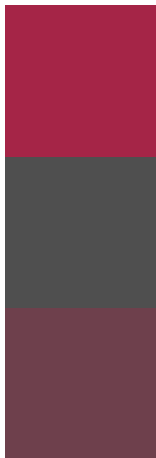
**Original Color**  
A52547

**Protanomaly**  
754657

**Deuteranomaly**  
7F4443

**Tritanomaly**  
A42936

# Monochromacy



**Original Color**  
A52547

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
6E404C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A52547 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 #A52547 looks like.

```
.text, #text, p{  
    color:#A52547  
}
```

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 #A52547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A52547
}
```

## Border

The CSS property to change the border of an element to Hex A52547 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
#A52547 }
```

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

```
.border{ border-color:#A52547 }
```

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

Here you see how a box with a 4 pixel #A52547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A52547; -webkit-box-shadow:4px 4px  
4px 4px #A52547; box-shadow:4px 4px 4px  
4px #A52547 }
```

# Background

The CSS property to change the background color of an element to Hex A52547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A52547 }
```

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

```
.background{ background-color:#A52547 }
```

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