

# Converting Colors

Hex(A52A53)

Have a look what the booklet for  
Hex(A52A53) contains.

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# Color

**Hex(A52A53)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A52A53
RGB	165, 42, 83
RGB Percent	65%, 16%, 33%
CMY	0.3529, 0.8353, 0.6745
CMYK	0.00, 0.75, 0.50, 0.35
HSL	340°, 59%, 41%
HSV	340°, 75%, 65%
XYZ	17.9063, 10.2798, 9.2240
YIQ	83.4510, 60.1470, 38.8270

# Conversions

## Conversions Part 2

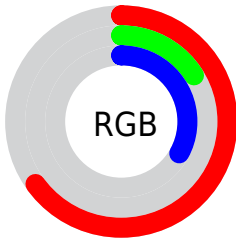
<b>Format</b>	<b>Color</b>
<b>RYB</b>	165, 42, 83
Decimal	10824275
CIELab	38.34, 52.41, 5.85
CIELCh	38, 52.735, 6.371
Yxy	10.2798, 0.4786, 0.2748
Android (android.graphics.Color)	4289014355 (0xFFA52A53)
YUV	83.4510, -0.2223, 71.5185
Hunter-Lab	32.0621, 43.5816, 5.3862

# Details

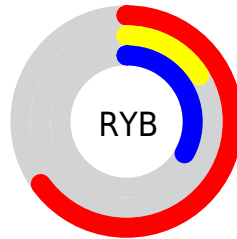
The Hex color **A52A53** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **2AA57C**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **E06284**, and **6B0027** is the 20% darker color. If you saturate the color by 10%, you get **A51948**, and if you desaturate by 10%, it is **A53A5E**.

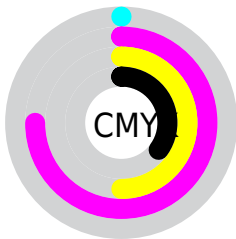
# Distribution



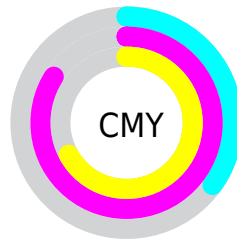
- Red (65%)
- Green (16%)
- Blue (33%)



- Red (65%)
- Yellow (16%)
- Blue (33%)



- Cyan (0%)
- Magenta (75%)
- Yellow (50%)
- Black (35%)



- Cyan (35%)
- Magenta (84%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A52A53 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 A52A53 by changing the saturation by 10% instead.



 A52A53

 A52A53

FFFFFF

 88013C

 E06284

 6B0027

 FF7D9E

 4F0012

 FF99B9

 360002

 FFB5D5

 060000

 FFD2F1

 000000

 FFEFFF

 A52A53

 A52A53

 A51948

 A53A5E

 A5093D

 A54B69

 A50037

 A55B74

 A56C7F

 A57C8A

 A58D95

 A59DA0

 A5AEAB

 A5BEB6

# Harmonies

## Analogous

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



94357D



A52A53



9F372A

# Triad

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



A52A53



376606



0068A9

# Complementary

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



A52A53



2AA57C

# 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.



006D8C



A52A53



006B36

# Square

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



A52A53



655B00



006D63



005DB0

# Rectangle

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



A52A53



91450E



006D63



006AA1



# Sweetspot

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



A52A53



D6A7B7



7C2AA5



6B4F59



EBEBEB



6B6B6B



# Same Dimension

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



A52A53



D61857



A53E2A



52494C



910030



120006



# Inverse Universe

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



A52A53



D61857



2A90A5



52494C



910030



120006



# Previews

## White Background



This preview shows how the Hex color A52A53 looks on a white background.

## Color Contrast Check

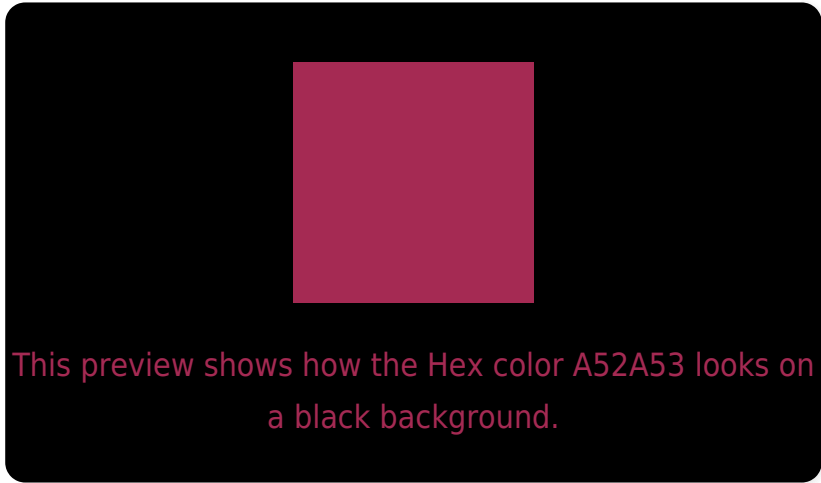
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 A52A53 Background



This preview shows how black text looks on a background with the Hex color A52A53.

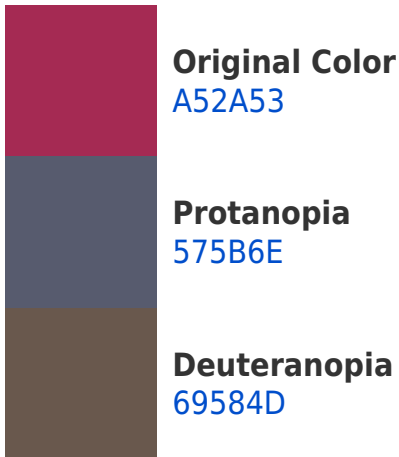



This preview shows how white text looks on a background with the Hex color A52A53.

# 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**  
A33134

# Trichromacy



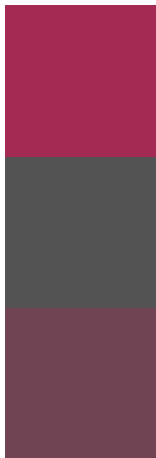
**Original Color**  
A52A53

**Protanomaly**  
734964

**Deuteranomaly**  
7F474F

**Tritanomaly**  
A42E3F

# Monochromacy



**Original Color**  
A52A53

**Achromatopsia**  
535353

**Achromatomaly**  
714453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A52A53 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 #A52A53 looks like.

```
.text, #text, p{  
    color:#A52A53  
}
```

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 #A52A53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A52A53  
}
```

## Border

The CSS property to change the border of an element to Hex A52A53 is called "border". The border property can be set on classes, ids or directly on the HTML element.

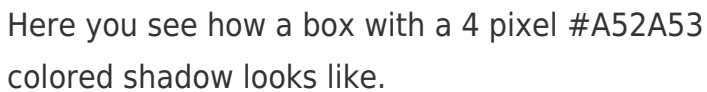
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A52A53 }
```

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

```
.border{ border-color:#A52A53 }
```

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



Here you see how a box with a 4 pixel `#A52A53` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A52A53; -webkit-box-shadow:4px 4px  
4px 4px #A52A53; box-shadow:4px 4px 4px  
4px #A52A53 }
```

# Background

The CSS property to change the background color of an element to Hex A52A53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A52A53 }
```

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

```
.background{ background-color:#A52A53 }
```

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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