

# Converting Colors

Hex(A53327)

Have a look what the booklet for  
Hex(A53327) contains.

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**Color**

**Hex(A53327)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A53327
RGB	165, 51, 39
RGB Percent	65%, 20%, 15%
CMY	0.3529, 0.8000, 0.8471
CMYK	0.00, 0.69, 0.76, 0.35
HSL	6°, 62%, 40%
HSV	6°, 76%, 65%
XYZ	17.0671, 10.5135, 3.0492
YIQ	83.7180, 71.7960, 20.4360

# Conversions

## Conversions Part 2

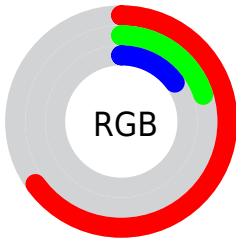
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 52, 39
Decimal	10826535
CIE <sub>Lab</sub>	38.75, 46.10, 33.66
CIE <sub>LCh</sub>	39, 57.078, 36.136
Yxy	10.5135, 0.5572, 0.3432
Android (android.graphics.Color)	4289016615 (0xFFA53327)
YUV	83.7180, -22.0460, 71.2843
Hunter-Lab	32.4245, 37.2132, 17.1215

# Details

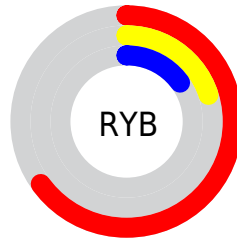
The Hex color **A53327** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2799A5**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **E26855**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A52416**, and if you desaturate by 10%, it is **A54237**.

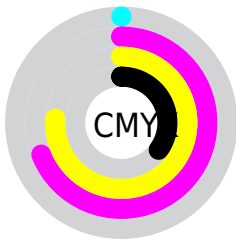
# Distribution



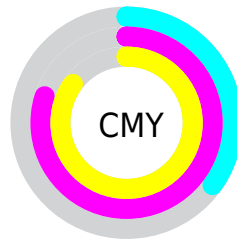
- Red (65%)
- Green (20%)
- Blue (15%)



- Red (65%)
- Yellow (20%)
- Blue (15%)



- Cyan (0%)
- Magenta (69%)
- Yellow (76%)
- Black (35%)



- Cyan (35%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A53327 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 A53327 by changing the saturation by 10% instead.



 A53327

 A53327

FFFFFFF

 871512

 E26855

 6A0000

 FF836E

 4C0000

 FF9E87

 330002

 FFBA01

 000000

 FFD7BD

 FFF4D8

 FFFFF5

 A53327

 A53327

 A52416

 A54237

 A51506

 A55148

 A51000

 A56058

 A56F69

 A57E79

 A58D8A

 A59B9A

 A5AAAB

 A5B9BB

# Harmonies

## Analogous

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



AB2254



A53327



8C4B00

# Triad

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



A53327



006D33



005EB8

# Complementary

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



A53327



2799A5

# 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.



006AB0



A53327



007064

# Square

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



A53327



346700



006F91



664AA7

# Rectangle

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



A53327



745700



006F91



0063B9



# Sweetspot

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



A53327



D6AAA5



A5279B



6B504D



EBEBEB



6B6B6B



# Same Dimension

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



A53327



D62411



A57027



524A49



910E00



120200



# Inverse Universe

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



2799A5



11C3D6



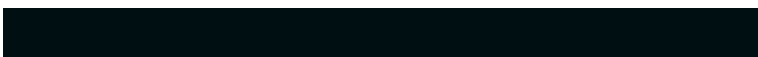
275CA5



495152



008491



001012



# Previews

## White Background



This preview shows how the Hex color A53327 looks on a white background.

## Color Contrast Check

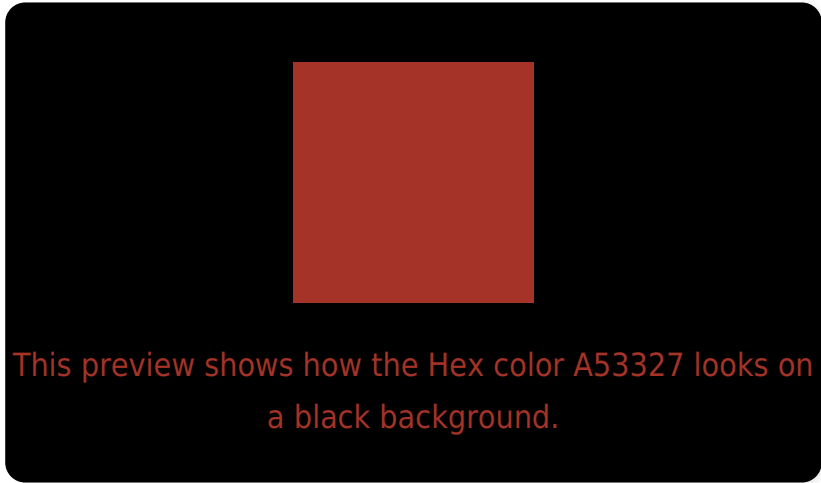
Large Text (above 18pt) WCAG AA ✓ Pass

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 A53327 Background



This preview shows how black text looks on a background with the Hex color A53327.



This preview shows how white text looks on a background with the Hex color A53327.

# 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



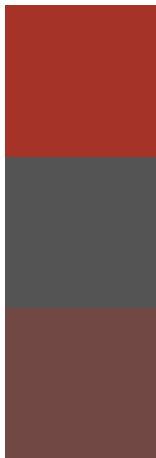
**Original Color**  
A53327

**Protanomaly**  
7C4D2F

**Deuteranomaly**  
854B22

**Tritanomaly**  
A5322F

# Monochromacy



**Original Color**  
A53327

**Achromatopsia**  
545454

**Achromatomaly**  
714844

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A53327 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 #A53327 looks like.

```
.text, #text, p{  
    color:#A53327  
}
```

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 #A53327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A53327
}
```

## Border

The CSS property to change the border of an element to Hex A53327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

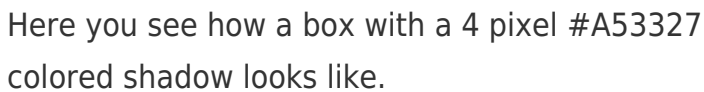
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A53327 }
```

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

```
.border{ border-color:#A53327 }
```

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



Here you see how a box with a 4 pixel `#A53327` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A53327; -webkit-box-shadow:4px 4px  
4px 4px #A53327; box-shadow:4px 4px 4px  
4px #A53327 }
```

# Background

The CSS property to change the background color of an element to Hex A53327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A53327 }
```

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

```
.background{ background-color:#A53327 }
```

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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