

# Converting Colors

Hex(A62635)

Have a look what the booklet for  
Hex(A62635) contains.

<b>Hex(A62635)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(A62635)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A62635
RGB	166, 38, 53
RGB Percent	65%, 15%, 21%
CMY	0.3490, 0.8510, 0.7922
CMYK	0.00, 0.77, 0.68, 0.35
HSL	353°, 63%, 40%
HSV	353°, 77%, 65%
XYZ	17.0616, 9.7503, 4.3509
YIQ	77.9820, 71.4730, 31.8010

# Conversions

## Conversions Part 2

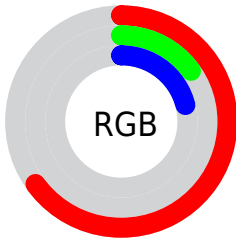
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 38, 53
Decimal	10888757
CIE <sub>Lab</sub>	37.39, 51.92, 23.68
CIE <sub>LCh</sub>	37, 57.065, 24.513
Yxy	9.7503, 0.5475, 0.3129
Android (android.graphics.Color)	4289078837 (0xFFA62635)
YUV	77.9820, -12.3161, 77.1918
Hunter-Lab	31.2254, 42.8882, 13.5964

# Details

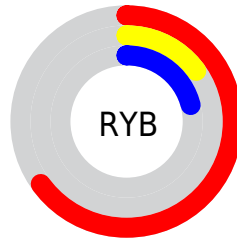
The Hex color **A62635** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **26A697**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **E35F63**, and **6B000A** is the 20% darker color. If you saturate the color by 10%, you get **A61526**, and if you desaturate by 10%, it is **A63744**.

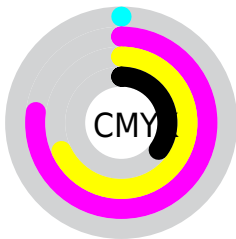
# Distribution



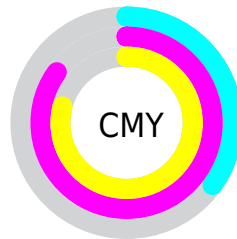
- Red (65%)
- Green (15%)
- Blue (21%)



- Red (65%)
- Yellow (15%)
- Blue (21%)



- Cyan (0%)
- Magenta (77%)
- Yellow (68%)
- Black (35%)



- Cyan (35%)
- Magenta (85%)
- Yellow (79%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62635 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 A62635 by changing the saturation by 10% instead.



 A62635

 A62635

FFFFFF

 880020

 E35F63

 6B000A

 FF7A7C

 4E0000

 FF9596

 320002

 FFB1B1

 000000

 FFCECC

 FFEBE9

 A62635

 A62635

 A61526

 A63744

 A60518

 A64752

 A60013

 A65861

 A66870

 A6797E

 A68A8D

 A69A9C

 A6ABAA

 A6BBB9

# Harmonies

## Analogous

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



A42063



A62635



933F05

# Triad

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



A62635



00681D



0060B5

# Complementary

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



A62635



26A697

# 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.



0069A3



A62635



006B4E

# Square

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



A62635



476100



006C7D



3F50AD

# Rectangle

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



A62635



7F4D00



006C7D



0064B1



# Sweetspot

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



A62635



D9A7AD



9526A6



6E4F53



EDEDED



6E6E6E



# Same Dimension

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



A62635



D90F27



A65526



544C4D



940011



140002



# Inverse Universe

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



A62635



D90F27



2677A6



544C4D



940011



140002



# Previews

## White Background



This preview shows how the Hex color A62635 looks on a white background.

## Color Contrast Check

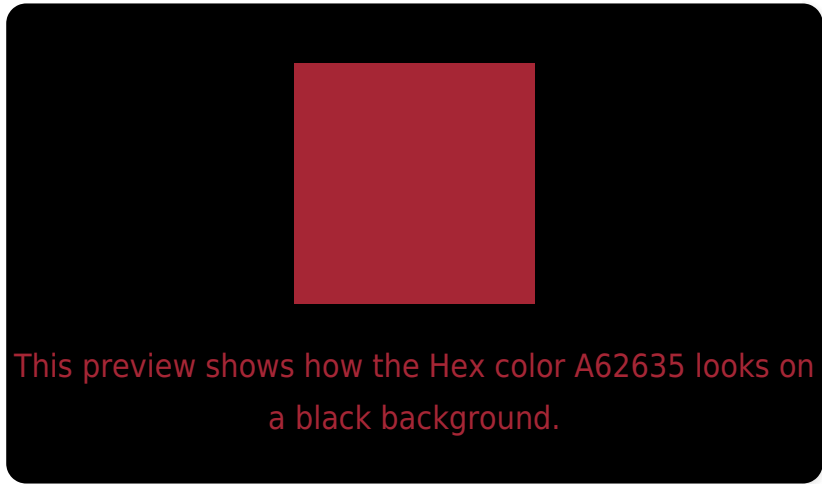
Large Text (above 18pt) WCAG AA ✓ Pass

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 A62635 Background



This preview shows how black text looks on a background with the Hex color A62635.

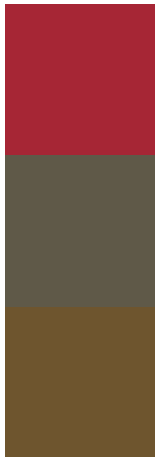


This preview shows how white text looks on a background with the Hex color A62635.

# 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



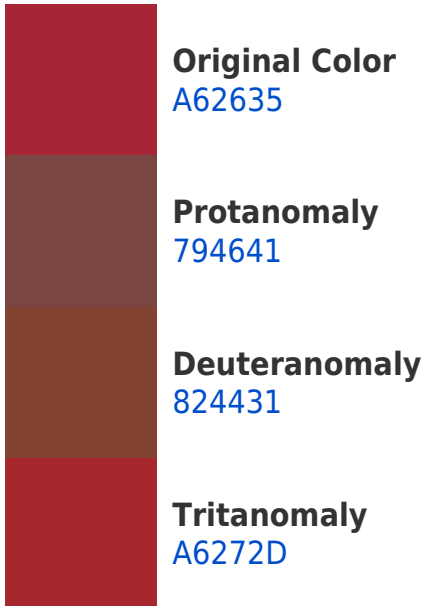
**Original Color**  
A62635

**Protanopia**  
5F5948

**Deuteranopia**  
6E552E



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62635 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 #A62635 looks like.

```
.text, #text, p{  
    color:#A62635  
}
```

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 #A62635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62635
}
```

## Border

The CSS property to change the border of an element to Hex A62635 is called "border". The border property can be set on classes, ids or directly on the HTML element.

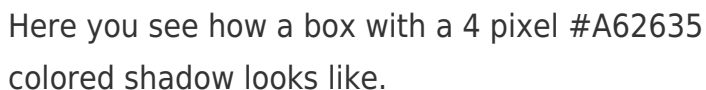
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A62635 }
```

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

```
.border{ border-color:#A62635 }
```

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



Here you see how a box with a 4 pixel `#A62635` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62635; -webkit-box-shadow:4px 4px  
4px 4px #A62635; box-shadow:4px 4px 4px  
4px #A62635 }
```

# Background

The CSS property to change the background color of an element to Hex A62635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62635 }
```

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

```
.background{ background-color:#A62635 }
```

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