

# Converting Colors

Hex(A62E52)

Have a look what the booklet for  
Hex(A62E52) contains.

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# Color

Hex(A62E52)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A62E52
RGB	166, 46, 82
RGB Percent	65%, 18%, 32%
CMY	0.3490, 0.8196, 0.6784
CMYK	0.00, 0.72, 0.51, 0.35
HSL	342°, 57%, 42%
HSV	342°, 72%, 65%
XYZ	18.2259, 10.6702, 9.0816
YIQ	85.9840, 59.9640, 36.6360

# Conversions

## Conversions Part 2

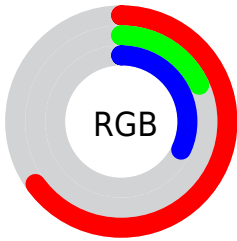
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	166, 46, 82
Decimal	10890834
CIELab	39.02, 51.18, 7.48
CIElCh	39, 51.719, 8.313
Yxy	10.6702, 0.4799, 0.2810
Android (android.graphics.Color)	4289080914 (0xFFA62E52)
YUV	85.9840, -1.9641, 70.1740
Hunter-Lab	32.6652, 42.4316, 6.3819

# Details

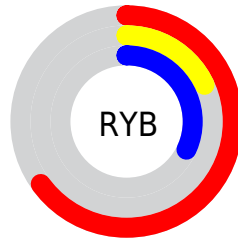
The Hex color **A62E52** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2EA682**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **E16583**, and **6C0026** is the 20% darker color. If you saturate the color by 10%, you get **A61D46**, and if you desaturate by 10%, it is **A63F5E**.

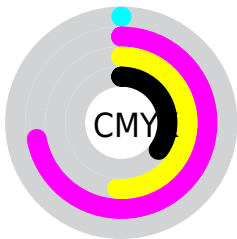
# Distribution



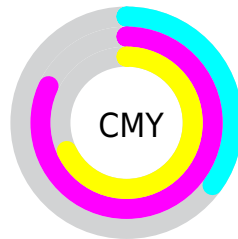
- Red (65%)
- Green (18%)
- Blue (32%)



- Red (65%)
- Yellow (18%)
- Blue (32%)



- Cyan (0%)
- Magenta (72%)
- Yellow (51%)
- Black (35%)



- Cyan (35%)
- Magenta (82%)
- Yellow (68%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62E52 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 A62E52 by changing the saturation by 10% instead.



 A62E52

 A62E52

FFFFFF

 890A3B

 E16583

 6C0026

 FF809D

 500011

 FF9CB8

 370002

 FFB8D4

 0A0000

 FFD5F0

 000000

 FFF2FF

 A62E52

 A62E52

 A61D46

 A63F5E

 A60D3B

 A64F69

 A60032

 A66075

 A67080

 A6818C

 A69298

 A6A2A3

 A6B3AF

 A6C3BB

# Harmonies

## Analogous

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



96377C



A62E52



9F3B2A

# Triad

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



A62E52



37680F



0069AA

# Complementary

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



A62E52



2EA682

# 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.



006E8F



A62E52



006D3B

# Square

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



A62E52



655E00



006F67



005DB0

# Rectangle

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



A62E52



91480F



006F67



006BA3



# Sweetspot

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



A62E52



D9A9B7



822EA6



6E515A



EDEDED



6E6E6E



# Same Dimension

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



A62E52



D91C55



A6462E



544C4E



94002C



140006



# Inverse Universe

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



A62E52



D91C55



2E8EA6



544C4E



94002C



140006



# Previews

## White Background



This preview shows how the Hex color A62E52 looks on a white background.

## Color Contrast Check

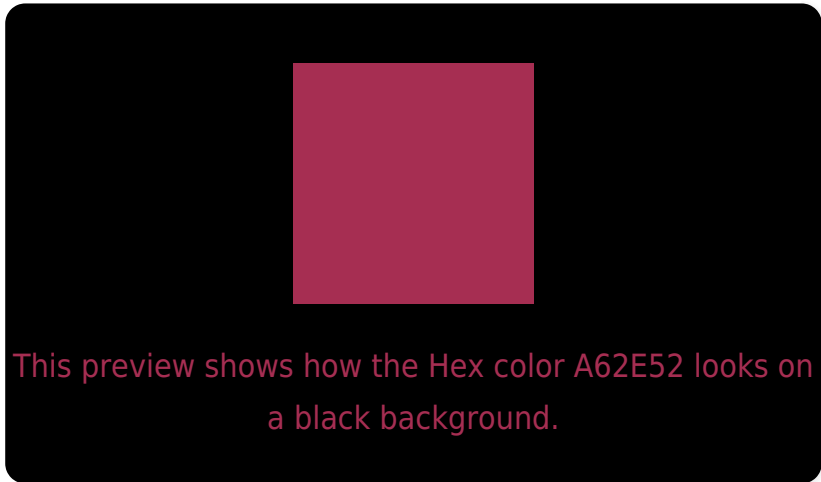
Large Text (above 18pt) WCAG AA ✓ Pass

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 A62E52 Background



This preview shows how black text looks on a background with the Hex color A62E52.



This preview shows how white text looks on a background with the Hex color A62E52.

# 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



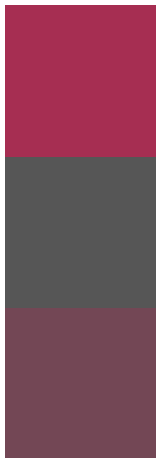
**Original Color**  
A62E52

**Protanomaly**  
764B62

**Deuteranomaly**  
81494E

**Tritanomaly**  
A53241

# Monochromacy



**Original Color**  
A62E52

**Achromatopsia**  
565656

**Achromatomaly**  
734755

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62E52 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 #A62E52 looks like.

```
.text, #text, p{  
    color:#A62E52  
}
```

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 #A62E52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62E52
}
```

## Border

The CSS property to change the border of an element to Hex A62E52 is called "border". The border property can be set on classes, ids or directly on the HTML element.

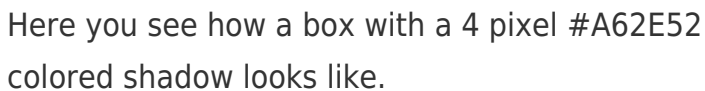
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A62E52 }
```

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

```
.border{ border-color:#A62E52 }
```

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



Here you see how a box with a 4 pixel `#A62E52` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62E52; -webkit-box-shadow:4px 4px  
4px 4px #A62E52; box-shadow:4px 4px 4px  
4px #A62E52 }
```

# Background

The CSS property to change the background color of an element to Hex A62E52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62E52 }
```

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

```
.background{ background-color:#A62E52 }
```

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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