

# Converting Colors

Hex(A72E4A)

Have a look what the booklet for  
Hex(A72E4A) contains.

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# Color

**Hex(A72E4A)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | A72E4A                    |
| RGB         | 167, 46, 74               |
| RGB Percent | 65%, 18%, 29%             |
| CMY         | 0.3451, 0.8196, 0.7098    |
| CMYK        | 0.00, 0.72, 0.56, 0.35    |
| HSL         | 346°, 57%, 42%            |
| HSV         | 346°, 72%, 65%            |
| XYZ         | 18.1494, 10.6639, 7.5803  |
| YIQ         | 85.3710, 63.1280, 34.3600 |

# Conversions

## Conversions Part 2

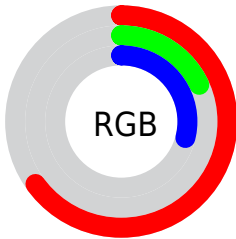
| <b>Format</b>                       | <b>Color</b>                                  |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">167, 46, 74</a>                   |
| Decimal                             | <a href="#">10956362</a>                      |
| CIELab                              | <a href="#">39.01, 50.82, 12.57</a>           |
| CIElCh                              | <a href="#">39, 52.349, 13.890</a>            |
| Yxy                                 | <a href="#">10.6639, 0.4987,<br/>0.2930</a>   |
| Android<br>(android.graphics.Color) | <a href="#">4289146442<br/>(0xFFA72E4A)</a>   |
| YUV                                 | <a href="#">85.3710, -5.6059,<br/>71.5886</a> |
| Hunter-Lab                          | <a href="#">32.6556, 42.0596,<br/>9.0960</a>  |

# Details

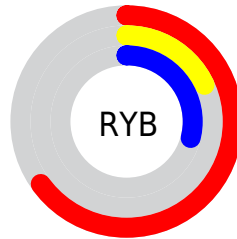
The Hex color **A72E4A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **2EA78B**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E3657A**, and **6D001F** is the 20% darker color. If you saturate the color by 10%, you get **A71D3D**, and if you desaturate by 10%, it is **A73F57**.

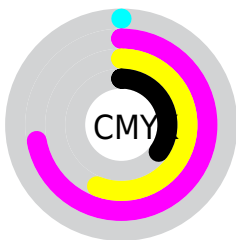
# Distribution



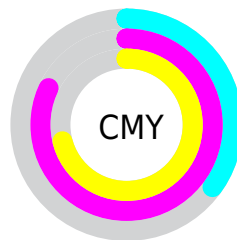
- Red (65%)
- Green (18%)
- Blue (29%)



- Red (65%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (72%)
- Yellow (56%)
- Black (35%)



- Cyan (35%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A72E4A 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 A72E4A by changing the saturation by 10% instead.



 A72E4A

 A72E4A

FFFFFF

 8A0A34

 E3657A

 6D001F

 FF8094

 510006

 FF9CAF

 370002

 FFB8CA

 090000

 FFD4E6

 000000

 FFF2FF

 A72E4A

 A72E4A

 A71D3D

 A73F57

 A70D30

 A74F64

 A70027

 A76071

 A7717D

 A7828A

 A79297

 A7A3A4

 A7B4B1

 A7C4BE

# Harmonies

## Analogous

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



9C3375



A72E4A



9C3E22

# Triad

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



A72E4A



2A6917



0067AE

# Complementary

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



A72E4A



2EA78B

# 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.



006D96



A72E4A



006E43

# Square

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



A72E4A



5D6000



006F6F



195AAF

# Rectangle

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



A72E4A



8C4B05



006F6F



006AA8



# Sweetspot

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



A72E4A



D9A9B4



8B2EA7



6E5158



EDEDED



6E6E6E



# Same Dimension

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



A72E4A



D91C48



A74E2E



544C4E



940022



140005



# Inverse Universe

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



A72E4A



D91C48



2E87A7



544C4E



940022



140005



# Previews

## White Background



This preview shows how the Hex color A72E4A looks on a white background.

## Color Contrast Check

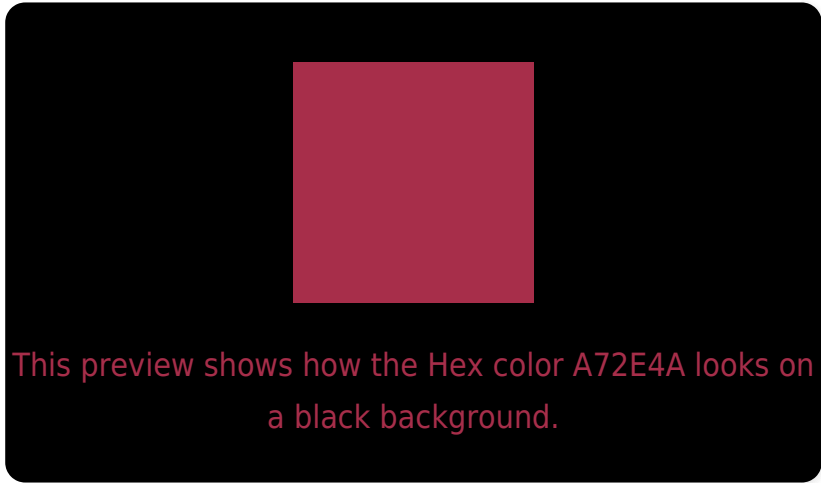
Large Text (above 18pt) WCAG AA ✓ Pass

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 A72E4A Background



This preview shows how black text looks on a background with the Hex color A72E4A.



This preview shows how white text looks on a background with the Hex color A72E4A.

# 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**  
A72E4A

**Protanopia**  
5D5C61

**Deuteranopia**  
6E5944



**Tritanopia**  
A63235

# Trichromacy



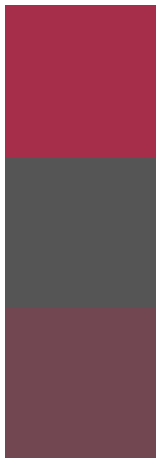
**Original Color**  
A72E4A

**Protanomaly**  
784B59

**Deuteranomaly**  
834946

**Tritanomaly**  
A6313D

# Monochromacy



**Original Color**  
A72E4A

**Achromatopsia**  
555555

**Achromatomaly**  
734751

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A72E4A 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 #A72E4A looks like.

```
.text, #text, p{  
    color:#A72E4A  
}
```

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 #A72E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72E4A
}
```

## Border

The CSS property to change the border of an element to Hex A72E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

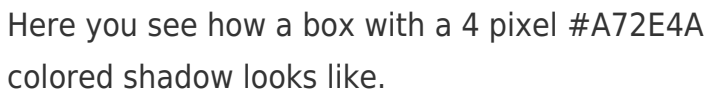
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A72E4A }
```

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

```
.border{ border-color:#A72E4A }
```

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



Here you see how a box with a 4 pixel `#A72E4A` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72E4A; -webkit-box-shadow:4px 4px  
4px 4px #A72E4A; box-shadow:4px 4px 4px  
4px #A72E4A }
```

# Background

The CSS property to change the background color of an element to Hex A72E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72E4A }
```

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

```
.background{ background-color:#A72E4A }
```

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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