

# Converting Colors

Hex(A72446)

Have a look what the booklet for  
Hex(A72446) contains.

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**Color**

**Hex(A72446)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A72446
RGB	167, 36, 70
RGB Percent	65%, 14%, 27%
CMY	0.3451, 0.8588, 0.7255
CMYK	0.00, 0.78, 0.58, 0.35
HSL	344°, 65%, 40%
HSV	344°, 78%, 65%
XYZ	17.6727, 9.9194, 6.7775
YIQ	79.0450, 67.1620, 38.3460

# Conversions

## Conversions Part 2

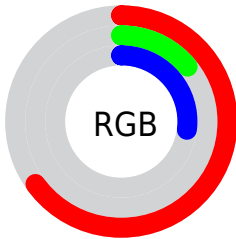
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 36, 70
Decimal	10953798
CIE Lab	37.70, 53.93, 13.32
CIE LCh	38, 55.547, 13.874
Yxy	9.9194, 0.5142, 0.2886
Android (android.graphics.Color)	4289143878 (0xFFA72446)
YUV	79.0450, -4.4592, 77.1365
Hunter-Lab	31.4951, 45.0444, 9.2878

# Details

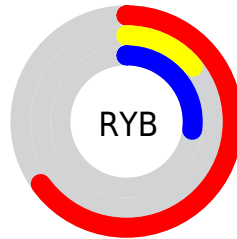
The Hex color **A72446** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **24A785**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **E35E76**, and **6C001B** is the 20% darker color. If you saturate the color by 10%, you get **A7133A**, and if you desaturate by 10%, it is **A73552**.

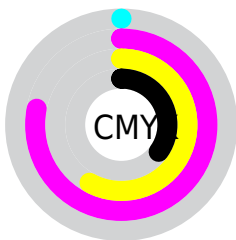
# Distribution



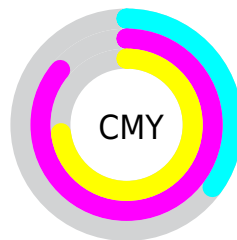
- Red (65%)
- Green (14%)
- Blue (27%)



- Red (65%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (78%)
- Yellow (58%)
- Black (35%)



- Cyan (35%)
- Magenta (86%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A72446 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 A72446 by changing the saturation by 10% instead.



 A72446

 A72446

FFFFFF

 890030

 E35E76

 6C001B

 FF7990

 500000

 FF95AA

 350002

 FFB1C5

 020000

 FFC EE1

 000000

 FFE BFE

 A72446

 A72446

 A7133A

 A73552

 A7032D

 A7455F

 A7002B

 A7566B

 A76777

 A77784

 A78890

 A7999D

 A7AAA9

 A7BAB5

# Harmonies

## Analogous

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



9C2A73



A72446



9B381B

# Triad

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



A72446



20660C



0065AF

# Complementary

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



A72446



24A785

# 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.



006B96



A72446



006B3E

# Square

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



A72446



595D00



006D6D



0057B1

# Rectangle

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



A72446



8A4700



006D6D



0068AA



# Sweetspot

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



A72446



D9A5B2



8424A7



6E4E56



EDEDED



6E6E6E



# Same Dimension

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



A72446



D90D42



A74324



544C4E



940026



140005



# Inverse Universe

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



A72446



D90D42



2488A7



544C4E



940026



140005



# Previews

## White Background



This preview shows how the Hex color A72446 looks on a white background.

## Color Contrast Check

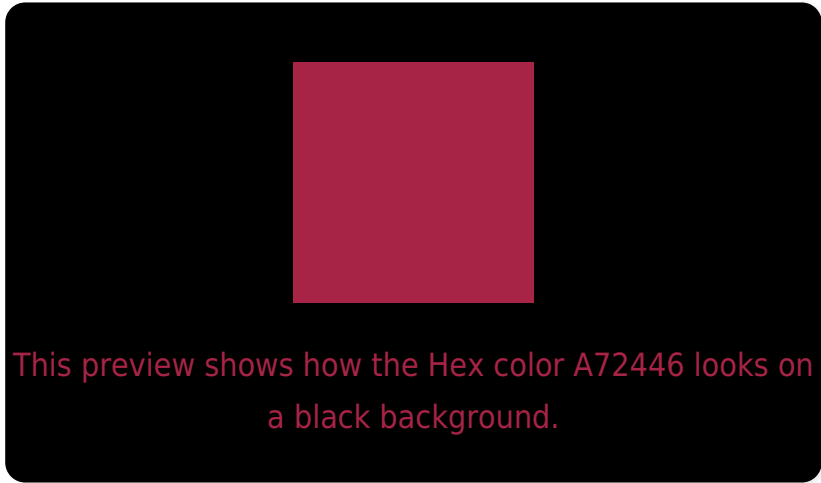
Large Text (above 18pt) WCAG AA ✓ Pass

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 A72446 Background



This preview shows how black text looks on a background with the Hex color A72446.

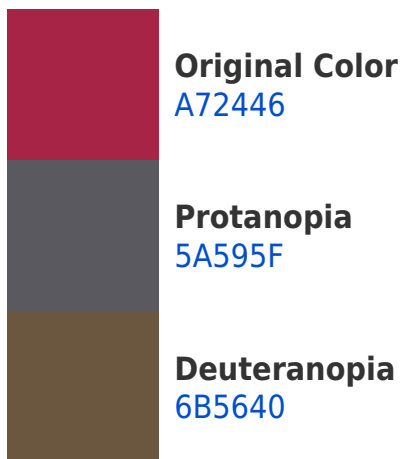


This preview shows how white text looks on a background with the Hex color A72446.

# 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



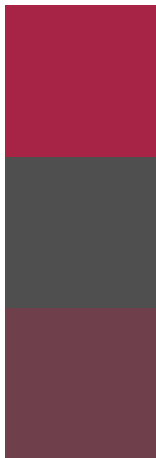
**Original Color**  
A72446

**Protanomaly**  
764656

**Deuteranomaly**  
814442

**Tritanomaly**  
A62835

# Monochromacy



**Original Color**  
A72446

**Achromatopsia**  
4F4F4F

**Achromatomaly**  
6F3F4C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A72446 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 #A72446 looks like.

```
.text, #text, p{  
    color:#A72446  
}
```

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 #A72446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72446
}
```

## Border

The CSS property to change the border of an element to Hex A72446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

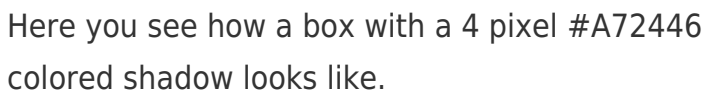
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A72446 }
```

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

```
.border{ border-color:#A72446 }
```

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



Here you see how a box with a 4 pixel `#A72446` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72446; -webkit-box-shadow:4px 4px  
4px 4px #A72446; box-shadow:4px 4px 4px  
4px #A72446 }
```

# Background

The CSS property to change the background color of an element to Hex A72446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72446 }
```

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

```
.background{ background-color:#A72446 }
```

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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