

# Converting Colors

Hex(A72550)

Have a look what the booklet for  
Hex(A72550) contains.

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# Color

**Hex(A72550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A72550
RGB	167, 37, 80
RGB Percent	65%, 15%, 31%
CMY	0.3451, 0.8549, 0.6863
CMYK	0.00, 0.78, 0.52, 0.35
HSL	340°, 64%, 40%
HSV	340°, 78%, 65%
XYZ	18.0459, 10.1178, 8.5912
YIQ	80.7720, 63.6770, 40.9330

# Conversions

## Conversions Part 2

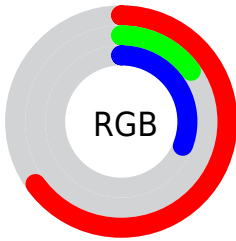
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 37, 80
Decimal	10954064
CIE Lab	38.05, 54.39, 7.41
CIE LCh	38, 54.891, 7.762
Yxy	10.1178, 0.4910, 0.2753
Android (android.graphics.Color)	4289144144 (0xFFA72550)
YUV	80.7720, -0.3806, 75.6220
Hunter-Lab	31.8085, 45.6033, 6.2522

# Details

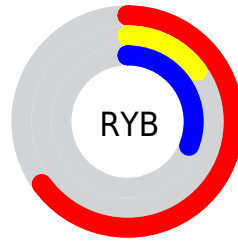
The Hex color **A72550** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **25A77C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **E35F81**, and **6D0024** is the 20% darker color. If you saturate the color by 10%, you get **A71445**, and if you desaturate by 10%, it is **A7365B**.

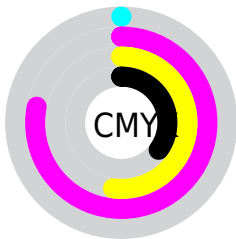
# Distribution



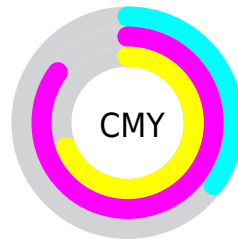
- Red (65%)
- Green (15%)
- Blue (31%)



- Red (65%)
- Yellow (15%)
- Blue (31%)



- Cyan (0%)
- Magenta (78%)
- Yellow (52%)
- Black (35%)



- Cyan (35%)
- Magenta (85%)
- Yellow (69%)
- Black (1%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A72550 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 A72550 by changing the saturation by 10% instead.



 A72550

 A72550

FFFFFF

 8A0039

 E35F81

 6D0024

 FF7A9B

 51000F

 FF96B6

 360002

 FFB2D1

 080000

 FFCFED

 000000

 FFECFF

 A72550

 A72550

 A71445

 A7365B

 A7043A

 A74666

 A70037

 A75772

 A7687D

 A77988

 A78993

 A79A9E

 A7ABA9

 A7BBB5

# Harmonies

## Analogous

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



96307C



A72550



A03525

# Triad

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



A72550



326602



0067AC

# Complementary

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



A72550



25A77C

# 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.



006C8F



A72550



006B36

# Square

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



A72550



625B00



006D64



005BB2

# Rectangle

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



A72550



914406



006D64



006AA5



# Sweetspot

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



A72550



D9A7B7



7C25A7



6E4F59



EDEDED



6E6E6E



# Same Dimension

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



A72550



D90F52



A73B25



544C4F



940031



140007



# Inverse Universe

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



A72550



D90F52



2591A7



544C4F



940031



140007



# Previews

## White Background



This preview shows how the Hex color A72550 looks on a white background.

## Color Contrast Check

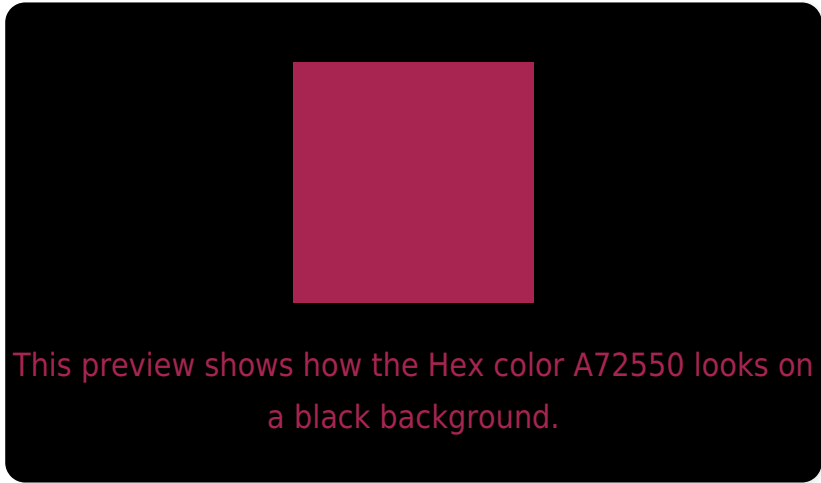
Large Text (above 18pt) WCAG AA ✓ Pass

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 A72550 Background



This preview shows how black text looks on a background with the Hex color A72550.

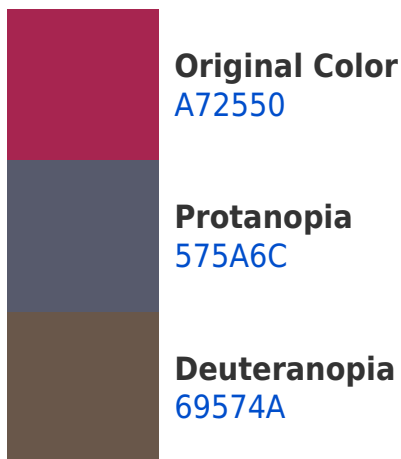


This preview shows how white text looks on a background with the Hex color A72550.

# Color Blindness Simulation

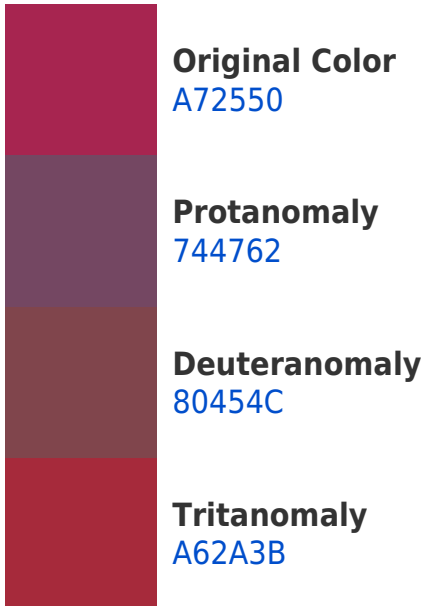
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A72550 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 #A72550 looks like.

```
.text, #text, p{  
    color:#A72550  
}
```

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 #A72550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72550
}
```

## Border

The CSS property to change the border of an element to Hex A72550 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
#A72550 }
```

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

```
.border{ border-color:#A72550 }
```

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

Here you see how a box with a 4 pixel #A72550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72550; -webkit-box-shadow:4px 4px  
4px 4px #A72550; box-shadow:4px 4px 4px  
4px #A72550 }
```

# Background

The CSS property to change the background color of an element to Hex A72550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72550 }
```

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

```
.background{ background-color:#A72550 }
```

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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