

Converting Colors

Hex(A72417)

Have a look what the booklet for
Hex(A72417) contains.

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Color

Hex(A72417)

Conversions

Conversions Part 1

Format	Color
Hex	A72417
RGB	167, 36, 23
RGB Percent	65%, 14%, 9%
CMY	0.3451, 0.8588, 0.9098
CMYK	0.00, 0.78, 0.86, 0.35
HSL	5°, 76%, 37%
HSV	5°, 86%, 65%
XYZ	16.7219, 9.5391, 1.7705
YIQ	73.6870, 82.2490, 23.7290

Conversions

Conversions Part 2

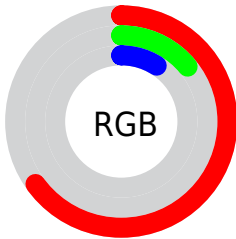
Format	Color
R_{YB}	167, 37, 23
Decimal	10953751
CIE Lab	37.00, 51.71, 40.71
CIE LCh	37, 65.815, 38.215
Yxy	9.5391, 0.5965, 0.3403
Android (android.graphics.Color)	4289143831 (0xFFA72417)
YUV	73.6870, -24.9887, 81.8355
Hunter-Lab	30.8854, 42.5933, 18.2210

Details

The Hex color **A72417** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **179AA7**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **E55D45**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A71506**, and if you desaturate by 10%, it is **A73328**.

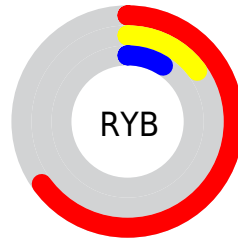
Distribution



Red (65%)

Green (14%)

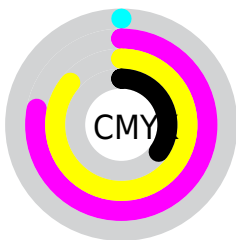
Blue (9%)



Red (65%)

Yellow (15%)

Blue (9%)

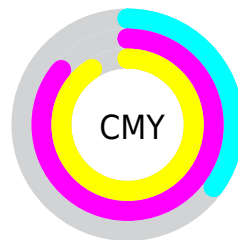


Cyan (0%)

Magenta (78%)

Yellow (86%)

Black (35%)



Cyan (35%)

Magenta (86%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color A72417 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 A72417 by changing the saturation by 10% instead.

 A72417

 A72417

FFFFFF

 880000

 E55D45

 6A0000

 FF785D

 4C0000

 FF9376

 310002

 FFAF90

 000000

 FFCCAA

 FFE9C6

 FFFF E2

 A72417

 A72417

■ A71506

■ A73328

■ A70F00

■ A74238

■ A75249

■ A7615A

■ A7706A

■ A77F7B

■ A78E8C

■ A79E9D

■ A7ADAD

Harmonies

Analogous

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



B1004B



A72417



894500

Triad

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



A72417



006B2D



005AC2

Complementary

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



A72417



179AA7

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.



0067BB



A72417



006D65

Square

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



A72417



1D6500



006C98



6740AC

Rectangle

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



A72417



6E5400



006C98



005FC3

Sweetspot

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



A72417



D9A5A0



A7179B



6E4F4C



EDEDED



6E6E6E

Same Dimension

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



A72417



D91400



A76B17



544C4C



940D00



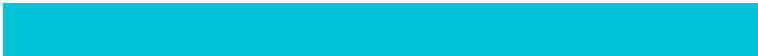
140200

Inverse Universe

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



179AA7



00C5D9



1753A7



4C5354



008794



001314

Previews

White Background



This preview shows how the Hex color A72417 looks on a white background.

Color Contrast Check

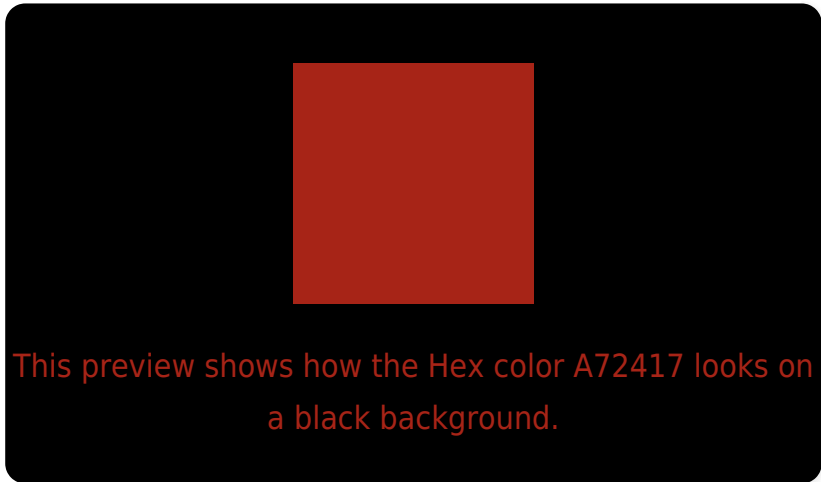
Large Text (above 18pt) WCAG AA ✓ Pass

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 A72417 Background



This preview shows how black text looks on a background with the Hex color A72417.



This preview shows how white text looks on a background with the Hex color A72417.

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
A72417

Protanopia
635924

Deuteranopia
705400

Trichromacy



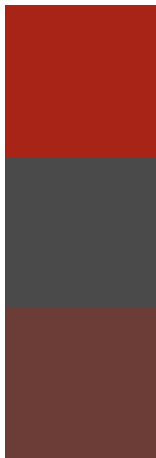
Original Color
A72417

Protanomaly
7C461F

Deuteranomaly
844308

Tritanomaly
A7231F

Monochromacy



Original Color
A72417

Achromatopsia
4A4A4A

Achromatomaly
6C3C37

CSS Examples

Text

The CSS property to change the color of the text to Hex A72417 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 #A72417 looks like.

```
.text, #text, p{  
    color:#A72417  
}
```

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 #A72417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A72417
}
```

Border

The CSS property to change the border of an element to Hex A72417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

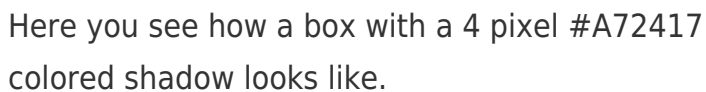
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A72417 }
```

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

```
.border{ border-color:#A72417 }
```

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



Here you see how a box with a 4 pixel #A72417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A72417; -webkit-box-shadow:4px 4px  
4px 4px #A72417; box-shadow:4px 4px 4px  
4px #A72417 }
```

Background

The CSS property to change the background color of an element to Hex A72417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A72417 }
```

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

```
.background{ background-color:#A72417 }
```

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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