

# Converting Colors

Hex(A62720)

Have a look what the booklet for  
Hex(A62720) contains.

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**Color**

**Hex(A62720)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A62720
RGB	166, 39, 32
RGB Percent	65%, 15%, 13%
CMY	0.3490, 0.8471, 0.8745
CMYK	0.00, 0.77, 0.81, 0.35
HSL	3°, 68%, 39%
HSV	3°, 81%, 65%
XYZ	16.7121, 9.6623, 2.3507
YIQ	76.1750, 77.9390, 24.7470

# Conversions

## Conversions Part 2

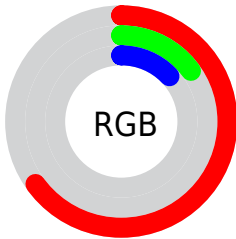
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	166, 39, 32
Decimal	10888992
CIE Lab	37.23, 50.68, 36.09
CIE LCh	37, 62.211, 35.453
Yxy	9.6623, 0.5818, 0.3364
Android (android.graphics.Color)	4289079072 (0xFFA62720)
YUV	76.1750, -21.7783, 78.7765
Hunter-Lab	31.0843, 41.5711, 17.2753

# Details

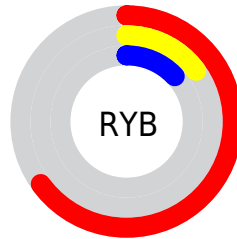
The Hex color **A62720** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **209FA6**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **E45F4D**, and **6A0000** is the 20% darker color. If you saturate the color by 10%, you get **A6170F**, and if you desaturate by 10%, it is **A63731**.

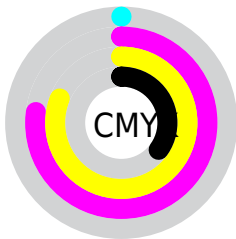
# Distribution



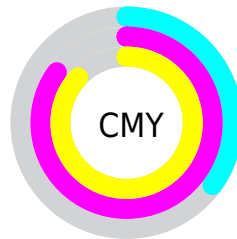
- Red (65%)
- Green (15%)
- Blue (13%)



- Red (65%)
- Yellow (15%)
- Blue (13%)



- Cyan (0%)
- Magenta (77%)
- Yellow (81%)
- Black (35%)



- Cyan (35%)
- Magenta (85%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A62720 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 A62720 by changing the saturation by 10% instead.



 A62720

 A62720

FFFFFF

 88000A

 E45F4D

 6A0000

 FF7A66

 4C0000

 FF957F

 310002

 FFB199

 000000

 FFCEB4

 FFEBD0

 FFFFEC

 A62720

 A62720

 A6170F

 A63731

 A60900

 A64641

 A65652

 A66662

 A67673

 A68584

 A69594

 A6A5A5

 A6B5B5

# Harmonies

## Analogous

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



AD0951



A62720



8B4500

# Triad

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



A62720



006A2B



005BBD

# Complementary

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



A62720



209FA6

# 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.



0068B4



A62720



006D60

# Square

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



A62720



2C6400



006C91



6045AA

# Rectangle

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



A62720



725300



006C91



0061BD



# Sweetspot

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



A62720



D9A7A5



A6209F



6E504E



EDEDED



6E6E6E



# Same Dimension

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



A62720



D91107



A66A20



544C4C



940800



140100



# Inverse Universe

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



209FA6



07CED9



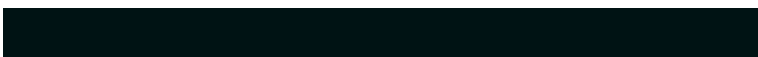
205CA6



4C5454



008C94



001314



# Previews

## White Background



This preview shows how the Hex color A62720 looks on a white background.

## Color Contrast Check

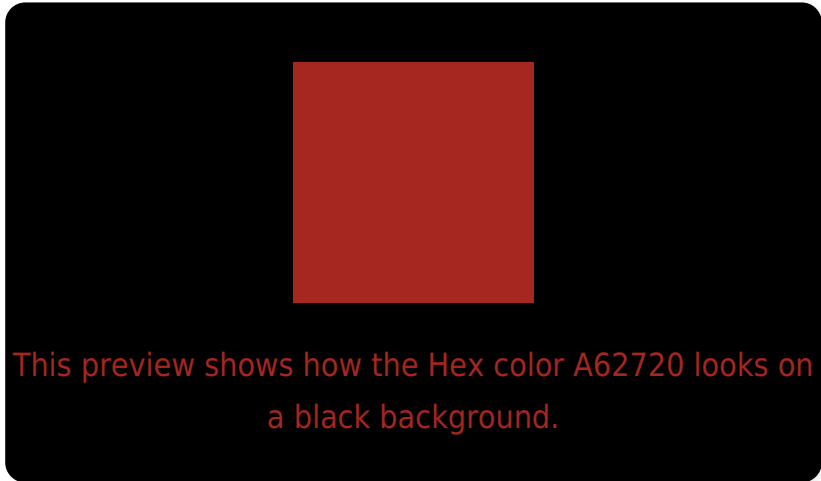
Large Text (above 18pt) WCAG AA ✓ Pass

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 A62720 Background



This preview shows how black text looks on a background with the Hex color A62720.



This preview shows how white text looks on a background with the Hex color A62720.

# 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**  
A62720

**Protanopia**  
62592E

**Deuteranopia**  
705414



# Trichromacy



**Original Color**  
A62720

**Protanomaly**  
7B4729

**Deuteranomaly**  
844418

**Tritanomaly**  
A62624

# Monochromacy



**Original Color**  
A62720

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
6D3F3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A62720 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 #A62720 looks like.

```
.text, #text, p{  
    color:#A62720  
}
```

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 #A62720 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A62720
}
```

## Border

The CSS property to change the border of an element to Hex A62720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

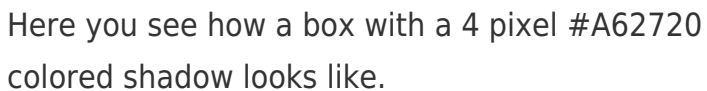
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A62720 }
```

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

```
.border{ border-color:#A62720 }
```

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



Here you see how a box with a 4 pixel #A62720 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A62720; -webkit-box-shadow:4px 4px  
4px 4px #A62720; box-shadow:4px 4px 4px  
4px #A62720 }
```

# Background

The CSS property to change the background color of an element to Hex A62720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A62720 }
```

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

```
.background{ background-color:#A62720 }
```

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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