

Converting Colors

Hex(AF2420)

Have a look what the booklet for
Hex(AF2420) contains.

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Color

Hex(AF2420)

Conversions

Conversions Part 1

Format	Color
Hex	AF2420
RGB	175, 36, 32
RGB Percent	69%, 14%, 13%
CMY	0.3137, 0.8588, 0.8745
CMYK	0.00, 0.79, 0.82, 0.31
HSL	2°, 69%, 41%
HSV	2°, 82%, 69%
XYZ	18.5708, 10.4800, 2.4106
YIQ	77.1050, 84.1280, 28.2240

Conversions

Conversions Part 2

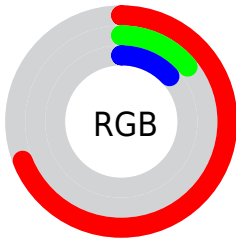
Format	Color
R_{YB}	175, 36, 32
Decimal	11478048
CIE _{Lab}	38.69, 54.40, 38.14
CIE _{LCh}	39, 66.436, 35.031
Yxy	10.4800, 0.5903, 0.3331
Android (android.graphics.Color)	4289668128 (0xFFAF2420)
YUV	77.1050, -22.2368, 85.8539
Hunter-Lab	32.3728, 45.7447, 18.2461

Details

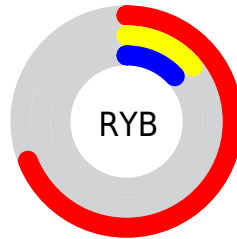
The Hex color **AF2420** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **20ABAF**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **EE5E4E**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **AF130E**, and if you desaturate by 10%, it is **AF3531**.

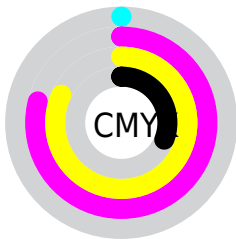
Distribution



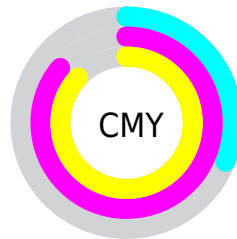
- Red (69%)
- Green (14%)
- Blue (13%)



- Red (69%)
- Yellow (14%)
- Blue (13%)



- Cyan (0%)
- Magenta (79%)
- Yellow (82%)
- Black (31%)



- Cyan (31%)
- Magenta (86%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF2420 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 AF2420 by changing the saturation by 10% instead.

 AF2420

 AF2420

FFFFFF

 90000A

 EE5E4E

 720000

 FF7A66

 540000

 FF957F

 380002

 FFB299

 0E0000

 FFCEB4

 000000

 FFEBD0

 FFFFEC

 AF2420

 AF2420

 AF130E

 AF3531

 AF0500

 AF4643

 AF5754

 AF6866

 AF7978

 AF8A89

 AF9B9B

 AFACAC

 AFBDBD

Harmonies

Analogous

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



B60055



AF2420



924600

Triad

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



AF2420



006F2A



0060C8

Complementary

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



AF2420



20ABAF

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.



006CBE



AF2420



007163

Square

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



AF2420



2C6900



007198



6247B5

Rectangle

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



AF2420



775600



007198



0065C8

Sweetspot

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



AF2420



E3ACAA



AF20AD



735150



F2F2F2



737373

Same Dimension

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



AF2420



E30B05



AF6A20



574E4E



960400



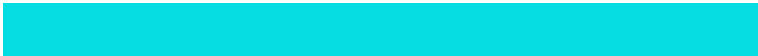
170100

Inverse Universe

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



20ABAF



05DDE3



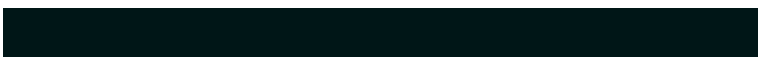
2065AF



4E5657



009296



001617

Previews

White Background



This preview shows how the Hex color AF2420 looks on a white background.

Color Contrast Check

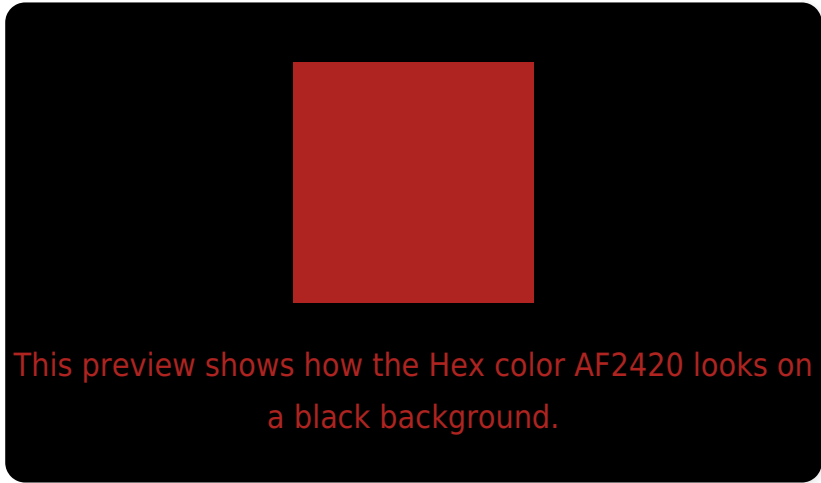
Large Text (above 18pt) WCAG AA ✓ Pass

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 AF2420 Background



This preview shows how black text looks on a background with the Hex color AF2420.



This preview shows how white text looks on a background with the Hex color AF2420.

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

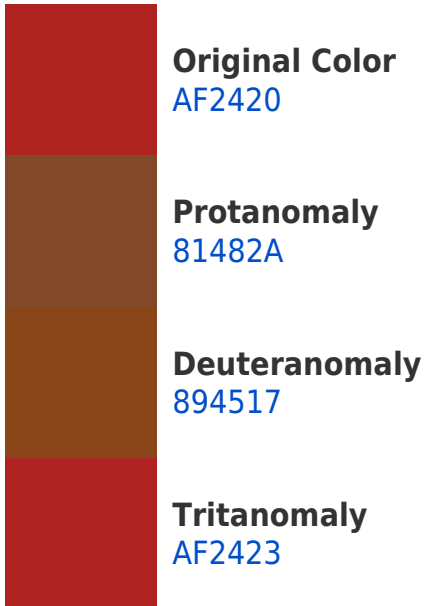


Original Color
AF2420

Protanopia
665C2F

Deuteranopia
745812

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF2420 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 #AF2420 looks like.

```
.text, #text, p{  
    color:#AF2420  
}
```

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 #AF2420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF2420
}
```

Border

The CSS property to change the border of an element to Hex AF2420 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
#AF2420 }
```

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

```
.border{ border-color:#AF2420 }
```

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

Here you see how a box with a 4 pixel #AF2420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF2420; -webkit-box-shadow:4px 4px  
4px 4px #AF2420; box-shadow:4px 4px 4px  
4px #AF2420 }
```

Background

The CSS property to change the background color of an element to Hex AF2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF2420 }
```

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

```
.background{ background-color:#AF2420 }
```

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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