

# Converting Colors

Hex(BA422F)

Have a look what the booklet for  
Hex(BA422F) contains.

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# Color

Hex(BA422F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA422F
RGB	186, 66, 47
RGB Percent	73%, 26%, 18%
CMY	0.2706, 0.7412, 0.8157
CMYK	0.00, 0.65, 0.75, 0.27
HSL	8°, 60%, 46%
HSV	8°, 75%, 73%
XYZ	22.7110, 14.5408, 4.2990
YIQ	99.7140, 77.6190, 19.5310

# Conversions

## Conversions Part 2

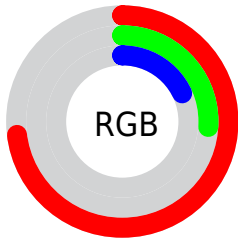
Format	Color
<a href="#">RYB</a>	<a href="#">186, 69, 47</a>
Decimal	<a href="#">12206639</a>
CIELab	<a href="#">45.00, 47.34, 37.07</a>
CIElCh	<a href="#">45, 60.127, 38.060</a>
Yxy	<a href="#">14.5408, 0.5466, 0.3500</a>
Android (android.graphics.Color)	<a href="#">4290396719</a> ( <a href="#">0xFFBA422F</a> )
YUV	<a href="#">99.7140, -25.9880, 75.6728</a>
Hunter-Lab	<a href="#">38.1324, 39.5800, 20.0084</a>

# Details

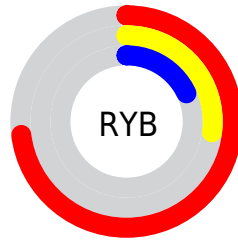
The Hex color **BA422F** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2FA7BA**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F8775E**, and **7E0001** is the 20% darker color. If you saturate the color by 10%, you get **BA321C**, and if you desaturate by 10%, it is **BA5242**.

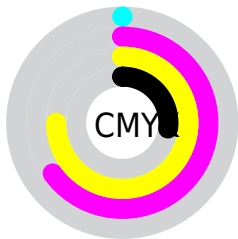
# Distribution



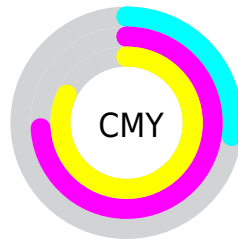
- Red (73%)
- Green (26%)
- Blue (18%)



- Red (73%)
- Yellow (27%)
- Blue (18%)



- Cyan (0%)
- Magenta (65%)
- Yellow (75%)
- Black (27%)



- Cyan (27%)
- Magenta (74%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA422F 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 BA422F by changing the saturation by 10% instead.



 BA422F

 BA422F

FFFFFF

 9C2619

 F8775E

 7E0001

 FF9277

 600000

 FFAE91

 430000

 FFCAAC

 270001

 FFE7C7

 000000

 FFFFE3

 BA422F

 BA422F

 BA321C

 BA5242

 BA220A

 BA6254

 BA1900

 BA7267

 BA8279

 BA928C

 BAA29F

 BAB2B1

 BAC2C4

 BAD3D6

# Harmonies

## Analogous

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



C2315F



BA422F



9E5A00

# Triad

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



BA422F



007F43



006CCF

# Complementary

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



BA422F



2FA7BA

# 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.



007AC8



BA422F



008177

# Square

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



BA422F



3D780A



0080A7



7C56BA

# Rectangle

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



BA422F



836700



0080A7



0072CF



# Sweetspot

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



BA422F



F2C4BD



BA2FA7



7A5F5B



FAFAFA



7A7A7A



# Same Dimension

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



BA422F



F23618



BA872F



5C5453



9C1500



1C0400



# Inverse Universe

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



2FA7BA



18D4F2



2F62BA



535B5C



00869C

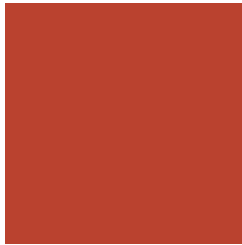


00181C



# Previews

## White Background



This preview shows how the Hex color BA422F looks on a white background.

## Color Contrast Check

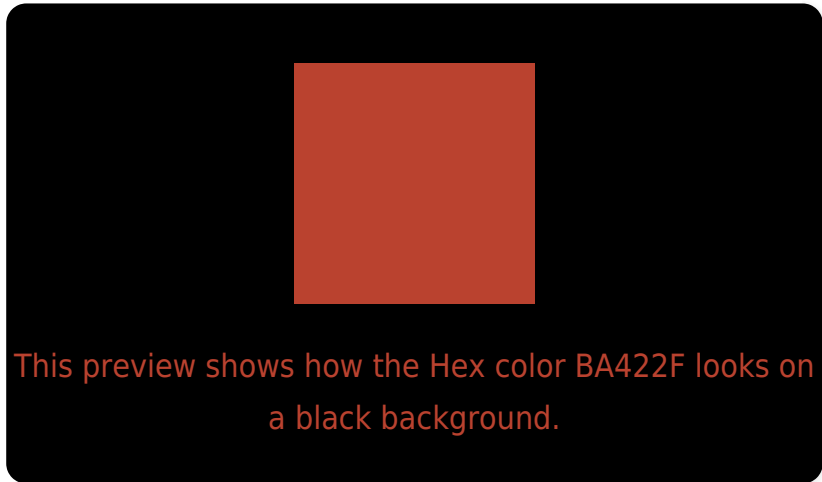
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA422F Background



This preview shows how black text looks on a background with the Hex color BA422F.



This preview shows how white text looks on a background with the Hex color BA422F.

# 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**  
BA422F

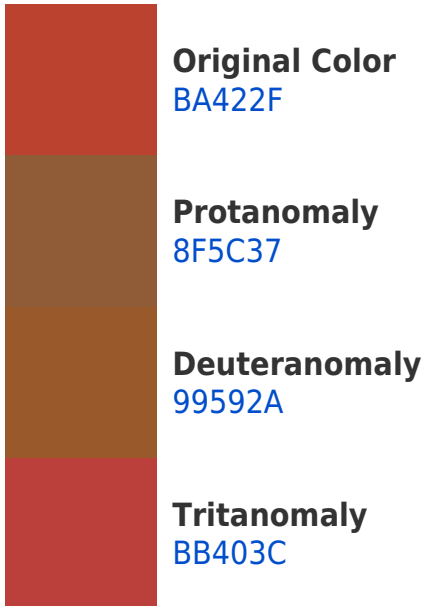
**Protanopia**  
766B3C

**Deuteranopia**  
866627

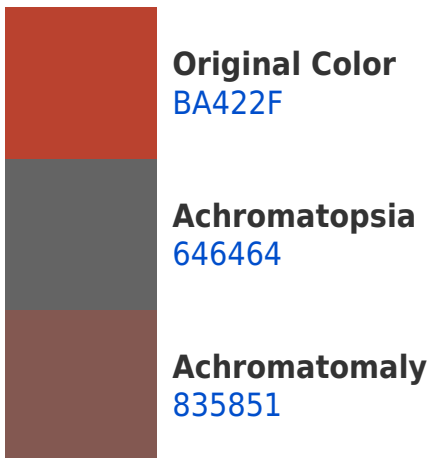


**Tritanopia**  
BB3F43

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA422F 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 #BA422F looks like.

```
.text, #text, p{  
  color:#BA422F  
}
```

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 #BA422F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA422F
}
```

## Border

The CSS property to change the border of an element to Hex BA422F 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
#BA422F }
```

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

```
.border{ border-color:#BA422F }
```

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

Here you see how a box with a 4 pixel #BA422F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA422F; -webkit-box-shadow:4px 4px  
4px 4px #BA422F; box-shadow:4px 4px 4px  
4px #BA422F }
```

# Background

The CSS property to change the background color of an element to Hex BA422F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA422F }
```

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

```
.background{ background-color:#BA422F }
```

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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