

# Converting Colors

Hex(BA422E)

Have a look what the booklet for  
Hex(BA422E) contains.

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# Color

Hex(BA422E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA422E
RGB	186, 66, 46
RGB Percent	73%, 26%, 18%
CMY	0.2706, 0.7412, 0.8196
CMYK	0.00, 0.65, 0.75, 0.27
HSL	9°, 60%, 45%
HSV	9°, 75%, 73%
XYZ	22.6911, 14.5328, 4.1939
YIQ	99.6000, 77.9400, 19.2200

# Conversions

## Conversions Part 2

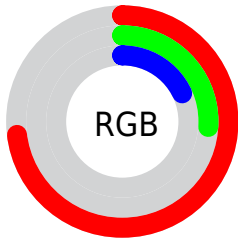
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 69, 46
Decimal	12206638
CIE <sub>Lab</sub>	44.99, 47.30, 37.61
CIE <sub>LCh</sub>	45, 60.428, 38.488
Yxy	14.5328, 0.5479, 0.3509
Android (android.graphics.Color)	4290396718 (0xFFBA422E)
YUV	99.6000, -26.4248, 75.7728
Hunter-Lab	38.1219, 39.5341, 20.1626

# Details

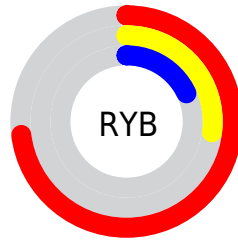
The Hex color **BA422E** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **2EA6BA**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **F8775D**, and **7E0000** is the 20% darker color. If you saturate the color by 10%, you get **BA321B**, and if you desaturate by 10%, it is **BA5241**.

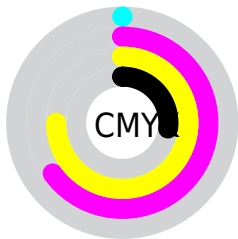
# Distribution



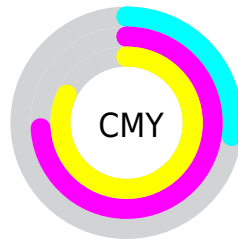
- Red (73%)
- Green (26%)
- Blue (18%)



- 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 BA422E 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 BA422E by changing the saturation by 10% instead.



 BA422E

 BA422E

FFFFFF

 9C2618

 F8775D

 7E0000

 FF9276

 600000

 FFAE90

 430000

 FFCAAB

 270001

 FFE7C6

 000000

 FFFF E2

 BA422E

 BA422E

 BA321B

 BA5241

 BA2209

 BA6253

 BA1B00

 BA7266

 BA8278

 BA928B

 BAA29E

 BAB2B0

 BAC2C3

 BAD1D5

# Harmonies

## Analogous

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



C3315E



BA422E



9D5A00

# Triad

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



BA422E



007F43



006CCF

# Complementary

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



BA422E



2EA6BA

# 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



BA422E



008178

# Square

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



BA422E



3C780A



0080A8



7D56BA

# Rectangle

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



BA422E



836700



0080A8



0072D0



# Sweetspot

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



BA422E



F2C2BB



BA2EA7



7A5D58



FAFAFA



7A7A7A



# Same Dimension

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



BA422E



F23718



BA872E



5C5453



9C1600



1C0400



# Inverse Universe

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



2EA6BA



18D3F2



2E61BA



535A5C



00859C

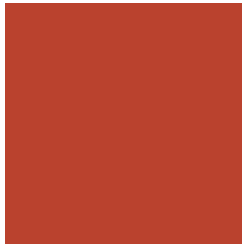


00181C



# Previews

## White Background



This preview shows how the Hex color BA422E looks on a white background.

## Color Contrast Check

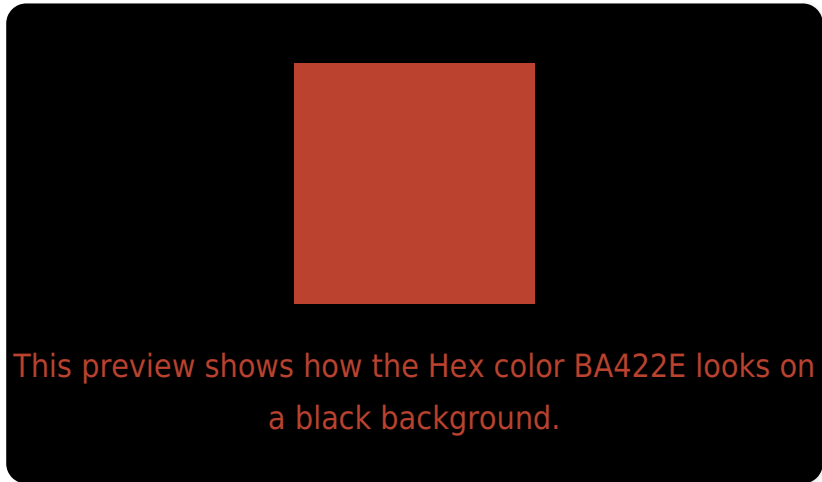
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA422E Background



This preview shows how black text looks on a background with the Hex color BA422E.



This preview shows how white text looks on a background with the Hex color BA422E.

# 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**  
BA422E

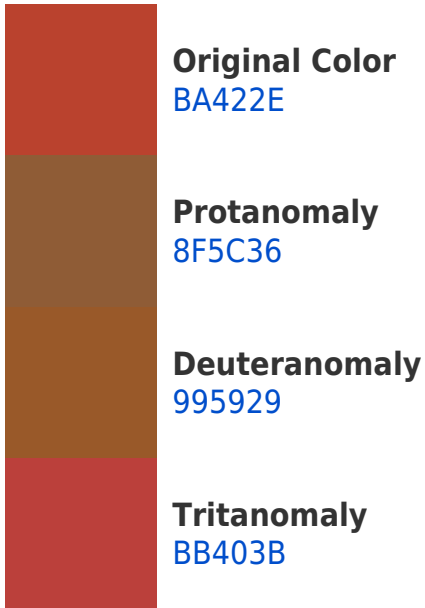
**Protanopia**  
766B3B

**Deuteranopia**  
866626

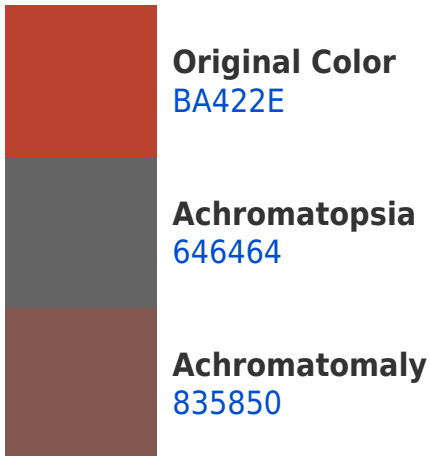


**Tritanopia**  
BB3F43

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA422E 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 #BA422E looks like.

```
.text, #text, p{  
    color:#BA422E  
}
```

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 #BA422E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA422E
}
```

## Border

The CSS property to change the border of an element to Hex BA422E is called "border". The border property can be set on classes, ids or directly on the HTML element.

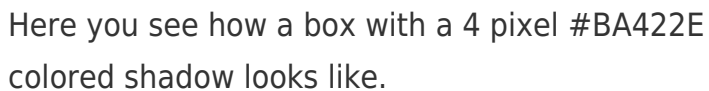
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#BA422E }
```

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

```
.border{ border-color:#BA422E }
```

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



Here you see how a box with a 4 pixel `#BA422E` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA422E; -webkit-box-shadow:4px 4px  
4px 4px #BA422E; box-shadow:4px 4px 4px  
4px #BA422E }
```

# Background

The CSS property to change the background color of an element to Hex BA422E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA422E }
```

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

```
.background{ background-color:#BA422E }
```

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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