

# Converting Colors

Hex(BA3E12)

Have a look what the booklet for  
Hex(BA3E12) contains.

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# Color

Hex(BA3E12)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA3E12
RGB	186, 62, 18
RGB Percent	73%, 24%, 7%
CMY	0.2706, 0.7569, 0.9294
CMYK	0.00, 0.67, 0.90, 0.27
HSL	16°, 82%, 40%
HSV	16°, 90%, 73%
XYZ	22.0815, 13.9280, 2.0968
YIQ	94.0600, 88.0280, 12.6040

# Conversions

## Conversions Part 2

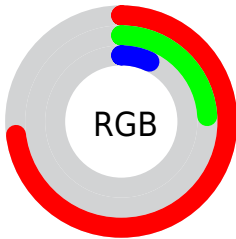
Format	Color
<a href="#">RYB</a>	<a href="#">186, 78, 18</a>
Decimal	<a href="#">12205586</a>
CIELab	<a href="#">44.13, 48.19, 50.06</a>
CIElCh	<a href="#">44, 69.492, 46.090</a>
Yxy	<a href="#">13.9280, 0.5795, 0.3655</a>
Android (android.graphics.Color)	<a href="#">4290395666</a> ( <a href="#">0xFFBA3E12</a> )
YUV	<a href="#">94.0600, -37.4976, 80.6314</a>
Hunter-Lab	<a href="#">37.3203, 40.3037, 22.7930</a>

# Details

The Hex color **BA3E12** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **128EBA**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F97343**, and **7C0000** is the 20% darker color. If you saturate the color by 10%, you get **BA3100**, and if you desaturate by 10%, it is **BA4C25**.

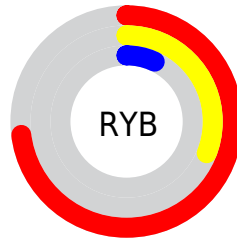
# Distribution



Red (73%)

Green (24%)

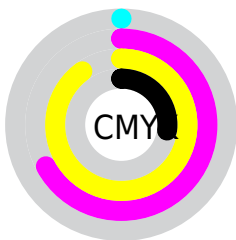
Blue (7%)



Red (73%)

Yellow (31%)

Blue (7%)

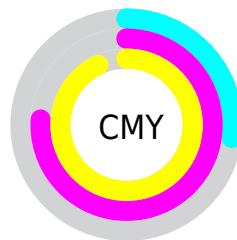


Cyan (0%)

Magenta (67%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA3E12 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 BA3E12 by changing the saturation by 10% instead.



 BA3E12

 BA3E12

FFFFFF

 9B2200

 F97343

 7C0000

 FF8F5C

 5E0000

 FFAA76

 410000

 FFC690

 250001

 FFE3AB

 000000

 FFFFC7

 FFFF E3

 BA3E12

 BA3E12

■ BA3100

■ BA4C25

■ BA5937

■ BA674A

■ BA755C

■ BA836F

■ BA9082

■ BA9E94

■ BAACA7

■ BABAB9

# Harmonies

## Analogous

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



CB194C



BA3E12



955C00

# Triad

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



BA3E12



007F4A



0065D9

# Complementary

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



BA3E12



128EBA

# 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.



0077DA



BA3E12



008187

# Square

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



BA3E12



007A00



007FBB



9047B9

# Rectangle

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



BA3E12



756A00



007FBB



006CDD



# Sweetspot

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



BA3E12



F2C2B1



BA1290



7A5D53



FAFafa



7A7A7A



# Same Dimension

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



BA3E12



F23F00



BA9012



5C5553



9C2900



1C0700



# Inverse Universe

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



128EBA



00B3F2



123CBA



53595C



00739C



00151C



# Previews

## White Background



This preview shows how the Hex color BA3E12 looks on a white background.

## Color Contrast Check

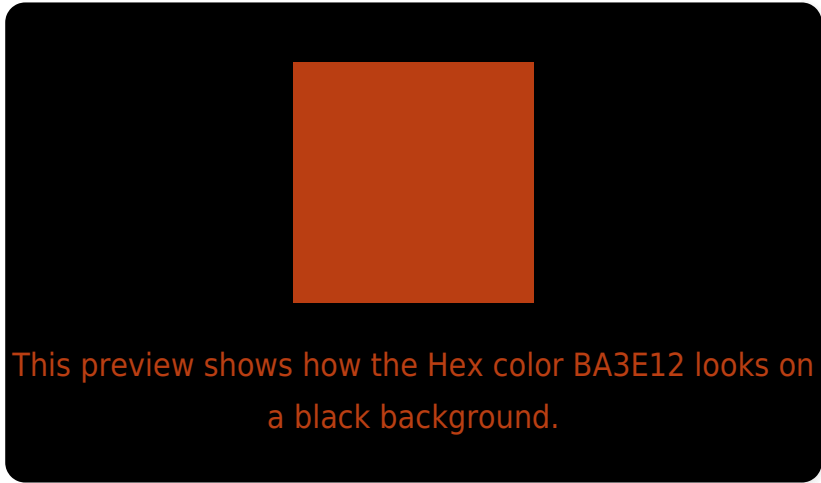
Large Text (above 18pt) WCAG AA ✓ Pass

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 BA3E12 Background



This preview shows how black text looks on a background with the Hex color BA3E12.



This preview shows how white text looks on a background with the Hex color BA3E12.

# 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**  
BA3E12

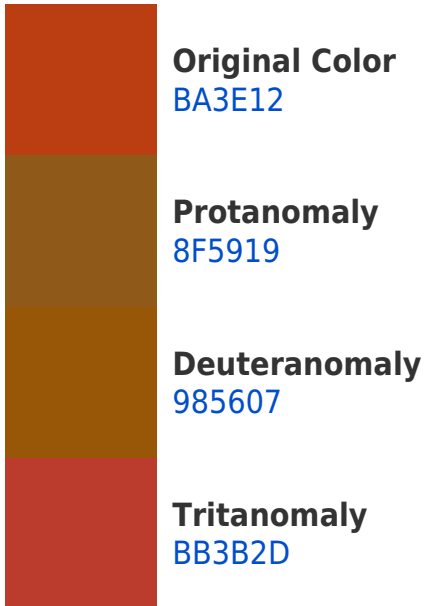
**Protanopia**  
76691D

**Deuteranopia**  
856400



**Tritanopia**  
BB3A3D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA3E12 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 #BA3E12 looks like.

```
.text, #text, p{  
    color:#BA3E12  
}
```

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 #BA3E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA3E12  
}
```

## Border

The CSS property to change the border of an element to Hex BA3E12 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  
#BA3E12 }
```

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

```
.border{ border-color:#BA3E12 }
```

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

Here you see how a box with a 4 pixel #BA3E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA3E12; -webkit-box-shadow:4px 4px  
4px 4px #BA3E12; box-shadow:4px 4px 4px  
4px #BA3E12 }
```

# Background

The CSS property to change the background color of an element to Hex BA3E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA3E12 }
```

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

```
.background{ background-color:#BA3E12 }
```

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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