

# Converting Colors

Hex(BA6B23)

Have a look what the booklet for  
Hex(BA6B23) contains.

<b>Hex(BA6B23)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(BA6B23)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA6B23
RGB	186, 107, 35
RGB Percent	73%, 42%, 14%
CMY	0.2706, 0.5804, 0.8627
CMYK	0.00, 0.42, 0.81, 0.27
HSL	29°, 68%, 43%
HSV	29°, 81%, 73%
XYZ	25.8108, 21.0758, 4.2978
YIQ	122.4130, 70.1960, -5.6440

# Conversions

## Conversions Part 2

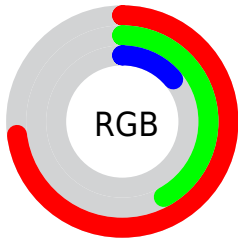
Format	Color
<a href="#">RYB</a>	<a href="#">186, 173, 35</a>
Decimal	<a href="#">12217123</a>
CIELab	<a href="#">53.03, 26.23, 50.92</a>
CIElCh	<a href="#">53, 57.284, 62.746</a>
Yxy	<a href="#">21.0758, 0.5043, 0.4118</a>
Android (android.graphics.Color)	<a href="#">4290407203 (0xFFBA6B23)</a>
YUV	<a href="#">122.4130, -43.0946, 55.7658</a>
Hunter-Lab	<a href="#">45.9084, 20.0170, 26.5854</a>

# Details

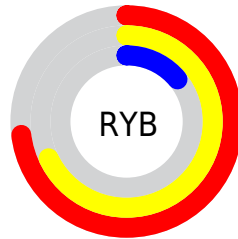
The Hex color **BA6B23** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **2372BA**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **F79F56**, and **7F3B00** is the 20% darker color. If you saturate the color by 10%, you get **BA6110**, and if you desaturate by 10%, it is **BA7536**.

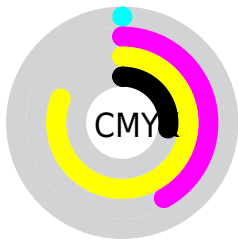
# Distribution



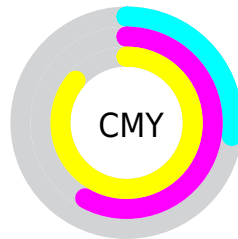
- Red (73%)
- Green (42%)
- Blue (14%)



- Red (73%)
- Yellow (68%)
- Blue (14%)



- Cyan (0%)
- Magenta (42%)
- Yellow (81%)
- Black (27%)



- Cyan (27%)
- Magenta (58%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA6B23 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 BA6B23 by changing the saturation by 10% instead.



 BA6B23

 BA6B23

FFFFFF

 9C5205

 F79F56

 7F3B00

 FFBA6F

 622400

 FFD68A

 460D00

 FFF2A5

 2D0000

 FFFFC0

 000000

 FFFFDD

 FFFFFA

 BA6B23

 BA6B23

 BA6110

 BA7536

 BA5900

 BA7E48

 BA885B

 BA926D

 BA9C80

 BAA593

 BAAFA5

 BAB9B8

 BAC3CA

# Harmonies

## Analogous

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



D3574C



BA6B23



937E06

# Triad

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



BA6B23



009682



846FD2

# Complementary

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



BA6B23



2372BA

# 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.



0083E1



BA6B23



0095B3

# Square

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



BA6B23



00924F



008FD6



BD59AD

# Rectangle

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



BA6B23



738715



008FD6



6777DA



# Sweetspot

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



BA6B23



F2D4B8



BA2374



7A6857



FAFAFA



7A7A7A



# Same Dimension

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



BA6B23



F27707



BAB523



5C5753



9C4A00



1C0D00



# Inverse Universe

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



2372BA



0782F2



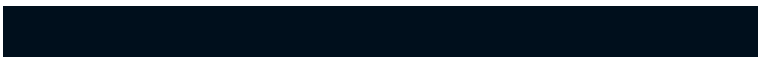
2328BA



53575C



00519C



000F1C



# Previews

## White Background



This preview shows how the Hex color BA6B23 looks on a white background.

## Color Contrast Check

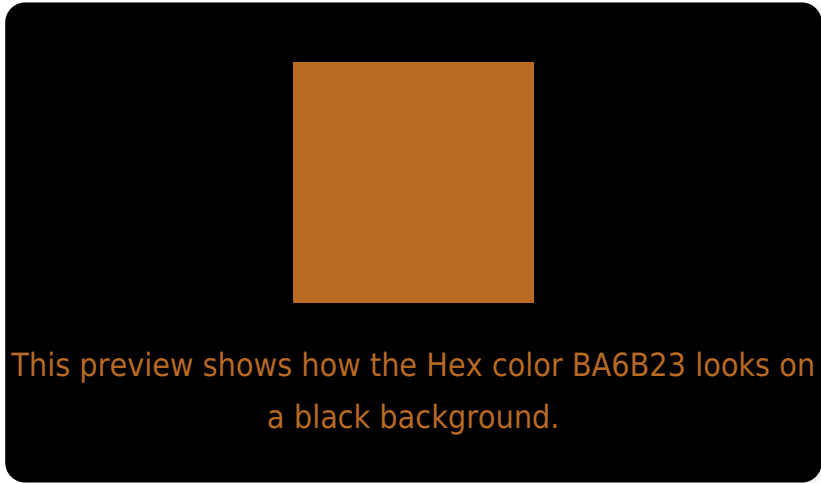
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BA6B23 Background



This preview shows how black text looks on a background with the Hex color BA6B23.



This preview shows how white text looks on a background with the Hex color BA6B23.

# 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**  
BA6B23

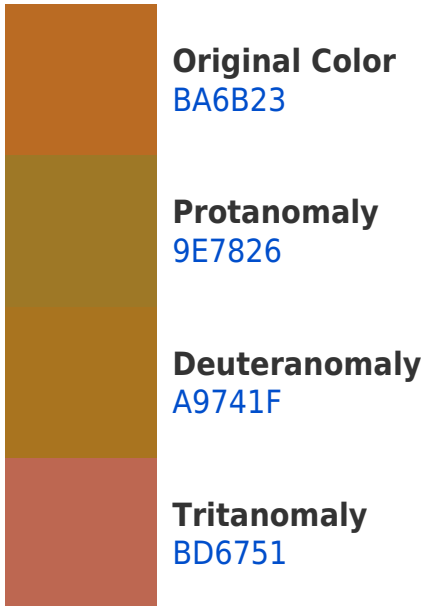
**Protanopia**  
8E7F28

**Deuteranopia**  
A0791D

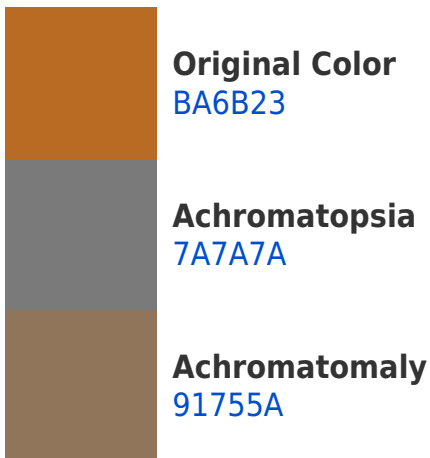


**Tritanopia**  
BE646B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA6B23 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 #BA6B23 looks like.

```
.text, #text, p{  
    color:#BA6B23  
}
```

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 #BA6B23 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA6B23
}
```

## Border

The CSS property to change the border of an element to Hex BA6B23 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
#BA6B23 }
```

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

```
.border{ border-color:#BA6B23 }
```

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

Here you see how a box with a 4 pixel #BA6B23 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA6B23; -webkit-box-shadow:4px 4px  
4px 4px #BA6B23; box-shadow:4px 4px 4px  
4px #BA6B23 }
```

# Background

The CSS property to change the background color of an element to Hex BA6B23 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA6B23 }
```

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

```
.background{ background-color:#BA6B23 }
```

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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