

# Converting Colors

Hex(BA613F)

Have a look what the booklet for  
Hex(BA613F) contains.

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# Color

**Hex(BA613F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BA613F
RGB	186, 97, 63
RGB Percent	73%, 38%, 25%
CMY	0.2706, 0.6196, 0.7529
CMYK	0.00, 0.48, 0.66, 0.27
HSL	17°, 49%, 49%
HSV	17°, 66%, 73%
XYZ	25.4216, 19.3474, 7.0972
YIQ	119.7350, 63.9580, 8.2940

# Conversions

## Conversions Part 2

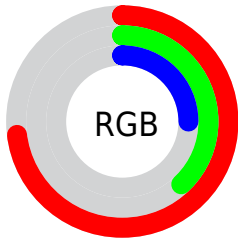
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 110, 63
Decimal	12214591
CIE <sub>Lab</sub>	51.09, 32.96, 35.19
CIE <sub>LCh</sub>	51, 48.214, 46.867
Yxy	19.3474, 0.4901, 0.3730
Android (android.graphics.Color)	4290404671 (0xFFBA613F)
YUV	119.7350, -27.9704, 58.1144
Hunter-Lab	43.9856, 26.1896, 21.2234

# Details

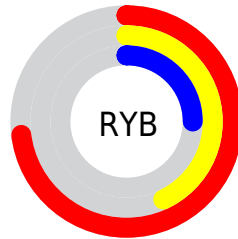
The Hex color **BA613F** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3F98BA**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F69570**, and **803012** is the 20% darker color. If you saturate the color by 10%, you get **BA542C**, and if you desaturate by 10%, it is **BA6E52**.

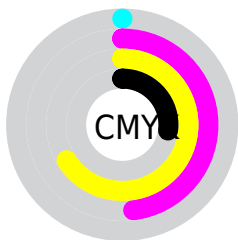
# Distribution



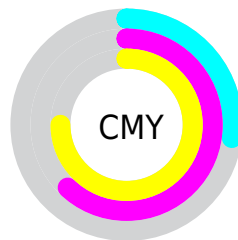
- Red (73%)
- Green (38%)
- Blue (25%)



- Red (73%)
- Yellow (43%)
- Blue (25%)



- Cyan (0%)
- Magenta (48%)
- Yellow (66%)
- Black (27%)



- Cyan (27%)
- Magenta (62%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BA613F 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 BA613F by changing the saturation by 10% instead.



 BA613F

 BA613F

FFFFFF

 9D4828

 F69570

 803012

 FFB089

 631700

 FFCCA4

 470000

 FFE8BF

 2F0001

 FFFFDB

 000000

 FFFFF8

 BA613F

 BA613F

 BA542C

 BA6E52

 BA461A

 BA7C64

 BA3907

 BA8977

 BA3300

 BA9789

 BAA49C

 BAB2AF

 BABFC1

 BACDD4

 BADA E6

# Harmonies

## Analogous

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



C55564



BA613F



9F7125

# Triad

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



BA613F



008D66



5A76C9

# Complementary

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



BA613F



3F98BA

# 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.



0083CA



BA613F



008E90

# Square

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



BA613F



4A883E



008BB5



9965B2

# Rectangle

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



BA613F



877B21



008BB5



377BCC



# Sweetspot

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



BA613F



F2CFC2



BA3F99



7A655D



FAFafa



7A7A7A



# Same Dimension

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



BA613F



F26833



BA9D3F



5C5553



9C2B00



1C0800



# Inverse Universe

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



3F98BA



33BDF2



3F5CBA



53595C



00719C



00141C



# Previews

## White Background



This preview shows how the Hex color BA613F 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 BA613F Background



This preview shows how black text looks on a background with the Hex color BA613F.

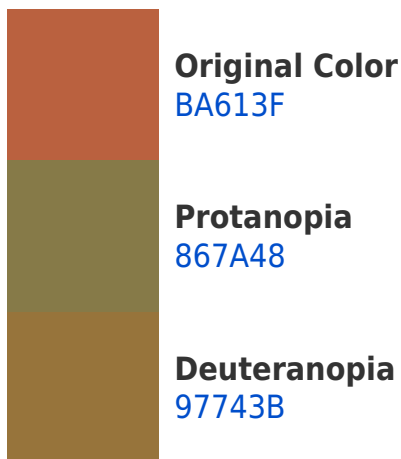


This preview shows how white text looks on a background with the Hex color BA613F.

# 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](#).

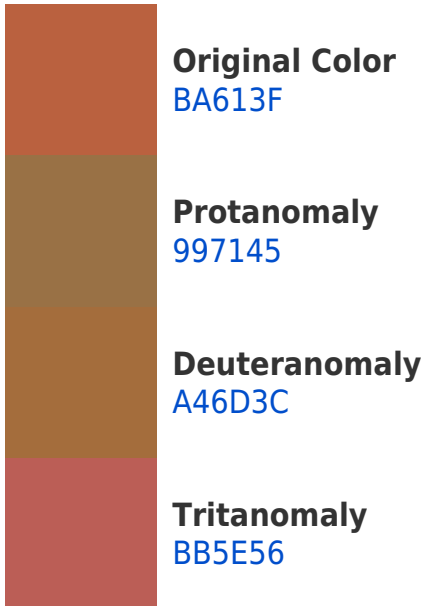
## Dichromacy





**Tritanopia**  
BC5D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex BA613F 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 #BA613F looks like.

```
.text, #text, p{  
    color:#BA613F  
}
```

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 #BA613F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BA613F
}
```

## Border

The CSS property to change the border of an element to Hex BA613F 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
#BA613F }
```

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

```
.border{ border-color:#BA613F }
```

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

Here you see how a box with a 4 pixel #BA613F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BA613F; -webkit-box-shadow:4px 4px  
4px 4px #BA613F; box-shadow:4px 4px 4px  
4px #BA613F }
```

# Background

The CSS property to change the background color of an element to Hex BA613F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BA613F }
```

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

```
.background{ background-color:#BA613F }
```

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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