

# Converting Colors

Hex(B66A3E)

Have a look what the booklet for  
Hex(B66A3E) contains.

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**Color**

**Hex(B66A3E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B66A3E
RGB	182, 106, 62
RGB Percent	71%, 42%, 24%
CMY	0.2863, 0.5843, 0.7569
CMYK	0.00, 0.42, 0.66, 0.29
HSL	22°, 49%, 48%
HSV	22°, 66%, 71%
XYZ	25.3149, 20.6010, 7.1996
YIQ	123.7080, 59.4200, 2.4280

# Conversions

## Conversions Part 2

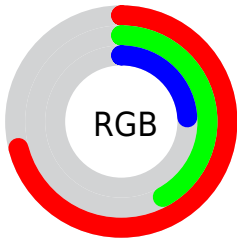
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 131, 62
Decimal	11954750
CIELab	52.51, 26.40, 37.25
CIELCh	53, 45.652, 54.674
Yxy	20.6010, 0.4766, 0.3879
Android (android.graphics.Color)	4290144830 (0xFFB66A3E)
YUV	123.7080, -30.4220, 51.1221
Hunter-Lab	45.3883, 20.1274, 22.3671

# Details

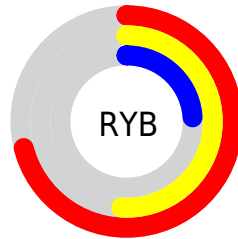
The Hex color **B66A3E** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3E8AB6**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **F29E6F**, and **7C390F** is the 20% darker color. If you saturate the color by 10%, you get **B65E2C**, and if you desaturate by 10%, it is **B67650**.

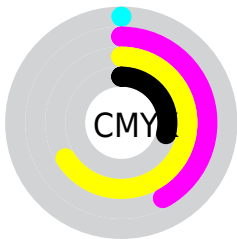
# Distribution



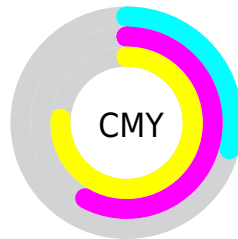
- Red (71%)
- Green (42%)
- Blue (24%)



- Red (71%)
- Yellow (51%)
- Blue (24%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (29%)



- Cyan (29%)
- Magenta (58%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B66A3E 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 B66A3E by changing the saturation by 10% instead.



 B66A3E

 B66A3E

FFFFFF

 995127

 F29E6F

 7C390F

 FFB989

 612200

 FFD5A3

 450B00

 FFF2BF

 2C0000

 FFFFDB

 000000

 FFFFF7

 B66A3E

 B66A3E

 B65E2C

 B67650


 B6531A

 B68162

 B64707

 B68D75

 B64300

 B69887

 B6A499

 B6AFAB

 B6BBBD

 B6C6D0

 B6D2E2

# Harmonies

## Analogous

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



C55D5F



B66A3E



99792B

# Triad

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



B66A3E



009075



7376C5

# Complementary

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



B66A3E



3E8AB6

# 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.



0084CB



B66A3E



00909D

# Square

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



B66A3E



428C4E



008DBC



A766AB

# Rectangle

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



B66A3E



81812D



008DBC



5B7BC9



# Sweetspot

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



B66A3E



EDCFBE



B63E8A



78665B



F7F7F7



787878



# Same Dimension

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



B66A3E



ED7632



B6A63E



5C5653



9C3900



1C0A00



# Inverse Universe

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



3E8AB6



32A8ED



3E4EB6



53585C



00639C

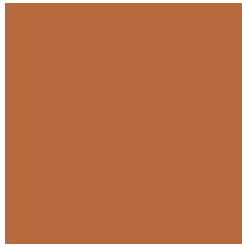


00121C



# Previews

## White Background



This preview shows how the Hex color B66A3E looks on a white background.

## Color Contrast Check

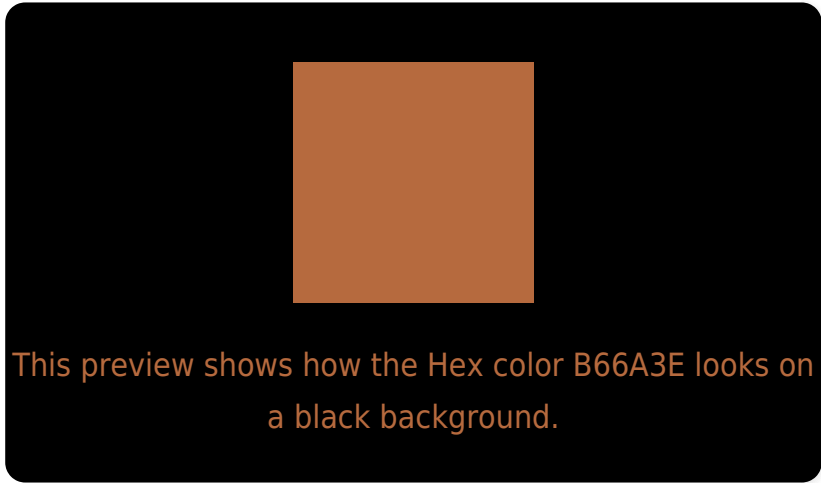
Large Text (above 18pt) WCAG AA ✓ Pass

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 B66A3E Background



This preview shows how black text looks on a background with the Hex color B66A3E.



This preview shows how white text looks on a background with the Hex color B66A3E.

# 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**  
B66A3E

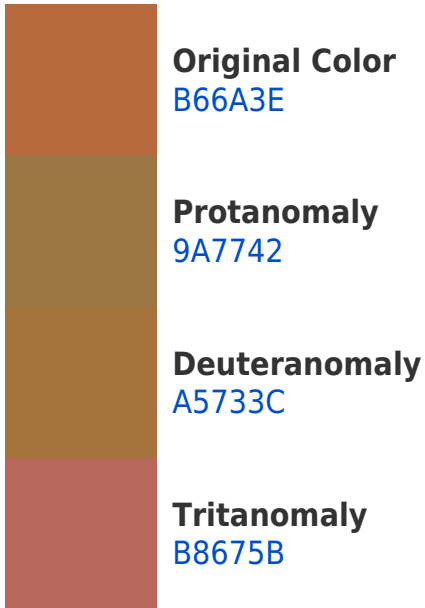
**Protanopia**  
8A7E45

**Deuteranopia**  
9B783B

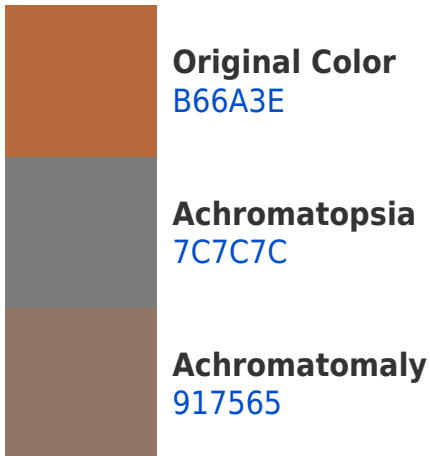


**Tritanopia**  
B9656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B66A3E 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 #B66A3E looks like.

```
.text, #text, p{  
    color:#B66A3E  
}
```

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 #B66A3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B66A3E
}
```

## Border

The CSS property to change the border of an element to Hex B66A3E 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
#B66A3E }
```

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

```
.border{ border-color:#B66A3E }
```

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

Here you see how a box with a 4 pixel #B66A3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B66A3E; -webkit-box-shadow:4px 4px  
4px 4px #B66A3E; box-shadow:4px 4px 4px  
4px #B66A3E }
```

# Background

The CSS property to change the background color of an element to Hex B66A3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B66A3E }
```

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

```
.background{ background-color:#B66A3E }
```

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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