

# Converting Colors

Hex(B86732)

Have a look what the booklet for  
Hex(B86732) contains.

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**Color**

**Hex(B86732)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B86732
RGB	184, 103, 50
RGB Percent	72%, 40%, 20%
CMY	0.2784, 0.5961, 0.8039
CMYK	0.00, 0.44, 0.73, 0.28
HSL	24°, 57%, 46%
HSV	24°, 73%, 72%
XYZ	25.1931, 20.1211, 5.5736
YIQ	121.1770, 65.2890, 0.6890

# Conversions

## Conversions Part 2

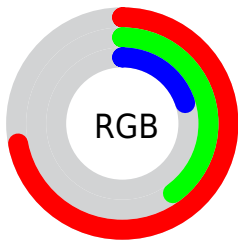
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 138, 50
Decimal	12085042
CIE Lab	51.97, 28.19, 42.94
CIE LCh	52, 51.364, 56.712
Yxy	20.1211, 0.4951, 0.3954
Android (android.graphics.Color)	4290275122 (0xFFB86732)
YUV	121.1770, -35.0903, 55.0958
Hunter-Lab	44.8566, 21.7533, 24.0327

# Details

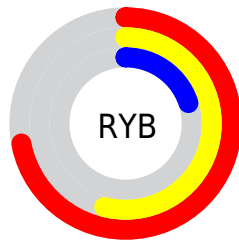
The Hex color **B86732** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3283B8**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **F49B63**, and **7D3600** is the 20% darker color. If you saturate the color by 10%, you get **B85C20**, and if you desaturate by 10%, it is **B87244**.

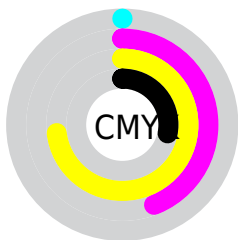
# Distribution



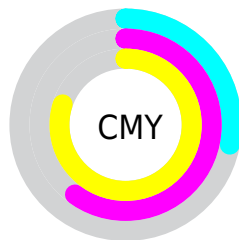
- Red (72%)
- Green (40%)
- Blue (20%)



- Red (72%)
- Yellow (54%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (73%)
- Black (28%)



- Cyan (28%)
- Magenta (60%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B86732 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 B86732 by changing the saturation by 10% instead.



 B86732

 B86732

FFFFFF

 9A4E1A

 F49B63

 7D3600

 FFB67D

 611F00

 FFD297

 450700

 FFEEB2

 2C0000

 FFFFCE

 000000

 FFFFEA

 B86732

 B86732

 B85C20

 B87244

 B8510D

 B87D57

 B84900

 B88869

 B8937C

 B89F8E

 B8AAA0

 B8B5B3

 B8C0C5

 B8CBD8

# Harmonies

## Analogous

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



CA5757



B86732



97781B

# Triad

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



B86732



009175



7472CB

# Complementary

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



B86732



3283B8

# 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.



0082D4



B86732



0091A2

# Square

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



B86732



2F8D49



008CC5



AD5FAD

# Rectangle

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



B86732



7C811E



008CC5



5778D0



# Sweetspot

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



B86732



F0D0BB



B83285



786559



F7F7F7



787878



# Same Dimension

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



B86732



F0721F



B8A832



5C5653



9C3E00



1C0B00



# Inverse Universe

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



3283B8



1F9DF0



3242B8



53585C



005E9C

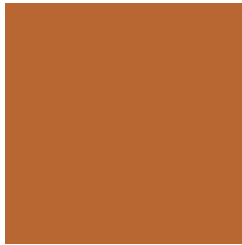


00111C



# Previews

## White Background



This preview shows how the Hex color B86732 looks on a white background.

## Color Contrast Check

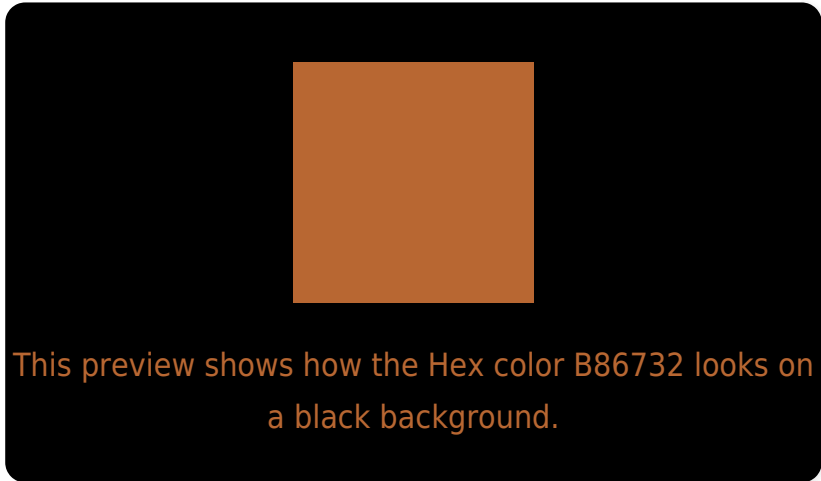
Large Text (above 18pt) WCAG AA ✓ Pass

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 B86732 Background



This preview shows how black text looks on a background with the Hex color B86732.



This preview shows how white text looks on a background with the Hex color B86732.

# 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**  
B86732

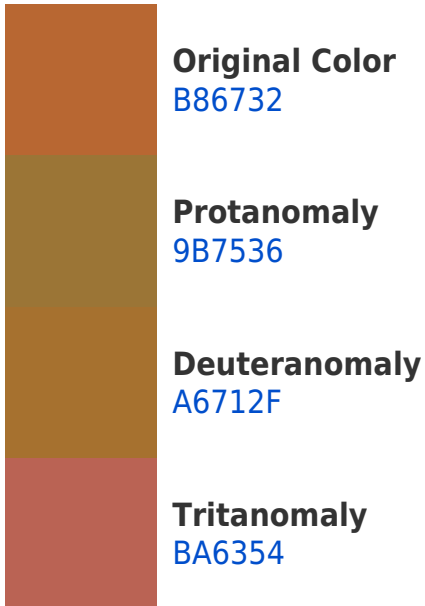
**Protanopia**  
8A7D38

**Deuteranopia**  
9B762E

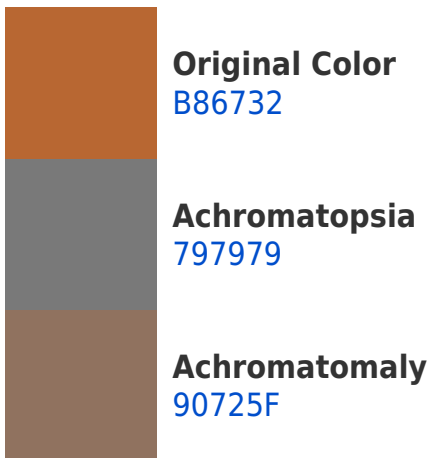


**Tritanopia**  
BB6168

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B86732 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 #B86732 looks like.

```
.text, #text, p{  
    color:#B86732  
}
```

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 #B86732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B86732
}
```

## Border

The CSS property to change the border of an element to Hex B86732 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
#B86732 }
```

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

```
.border{ border-color:#B86732 }
```

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

Here you see how a box with a 4 pixel #B86732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B86732; -webkit-box-shadow:4px 4px  
4px 4px #B86732; box-shadow:4px 4px 4px  
4px #B86732 }
```

# Background

The CSS property to change the background color of an element to Hex B86732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B86732 }
```

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

```
.background{ background-color:#B86732 }
```

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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