

# Converting Colors

Hex(B87325)

Have a look what the booklet for  
Hex(B87325) contains.

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**Color**

**Hex(B87325)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B87325</a>
RGB	<a href="#">184, 115, 37</a>
RGB Percent	<a href="#">72%, 45%, 15%</a>
CMY	<a href="#">0.2784, 0.5490, 0.8549</a>
CMYK	<a href="#">0.00, 0.38, 0.80, 0.28</a>
HSL	<a href="#">32°, 67%, 43%</a>
HSV	<a href="#">32°, 80%, 72%</a>
XYZ	<a href="#">26.2318, 22.5854, 4.7271</a>
YIQ	<a href="#">126.7390, 66.1620, -9.6300</a>

# Conversions

## Conversions Part 2

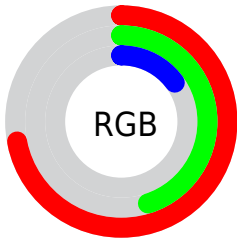
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	167, 184, 37
Decimal	12088101
CIE <sub>Lab</sub>	54.64, 21.04, 51.51
CIE <sub>LCh</sub>	55, 55.638, 67.778
Yxy	22.5854, 0.4899, 0.4218
Android (android.graphics.Color)	4290278181 (0xFFB87325)
YUV	126.7390, -44.2413, 50.2179
Hunter-Lab	47.5241, 15.3593, 27.3694

# Details

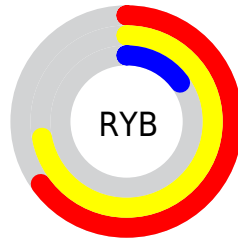
The Hex color **B87325** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **256AB8**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **F4A758**, and **7E4300** is the 20% darker color. If you saturate the color by 10%, you get **B86A13**, and if you desaturate by 10%, it is **B87C37**.

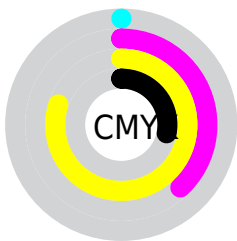
# Distribution



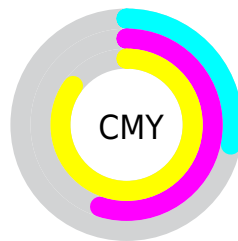
- Red (72%)
- Green (45%)
- Blue (15%)



- Red (65%)
- Yellow (72%)
- Blue (15%)



- Cyan (0%)
- Magenta (38%)
- Yellow (80%)
- Black (28%)



- Cyan (28%)
- Magenta (55%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B87325 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 B87325 by changing the saturation by 10% instead.



 B87325

 B87325


FFFFFF

 9A5A06

 F4A758

 7E4300

 FFC272

 612C00

 FFDE8C

 451600

 FFFBA8

 2C0000

 FFFFC3

 000000

 FFFFEO

 FFFFFD

 B87325

 B87325

 B86A13

 B87C37

 B86200

 B8844A

 B88D5C

 B8966F

 B89E81

 B8A793

 B8AFA6

 B8B8B8

 B8C1CB

# Harmonies

## Analogous

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



D3604A



B87325



908415

# Triad

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



B87325



009A8E



9570CF

# Complementary

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



B87325



256AB8

# 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.



2C84E2



B87325



0098BD

# Square

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



B87325



00975C



0091DC



C65CA8

# Rectangle

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



B87325



6F8D24



0091DC



7C77D8



# Sweetspot

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



B87325



F0D5B6



B8256C



786855



F7F7F7



787878



# Same Dimension

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



B87325



F0840A



B6B825



5C5753



9C5300



1C0F00



# Inverse Universe

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



256AB8



0A76F0



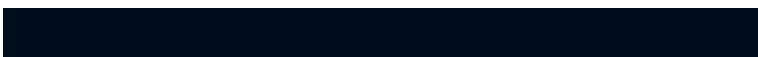
2725B8



53575C



00499C



000D1C



# Previews

## White Background



This preview shows how the Hex color B87325 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 B87325 Background



This preview shows how black text looks on a background with the Hex color B87325.



This preview shows how white text looks on a background with the Hex color B87325.

# 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**  
B87325

**Protanopia**  
938329

**Deuteranopia**  
A57C21



**Tritanopia**  
BC6B73

# Trichromacy



**Original Color**  
B87325

**Protanomaly**  
A07D28

**Deuteranomaly**  
AC7922

**Tritanomaly**  
BB6E57

# Monochromacy



**Original Color**  
B87325

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
947B5E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B87325 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 #B87325 looks like.

```
.text, #text, p{  
    color:#B87325  
}
```

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 #B87325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B87325
}
```

## Border

The CSS property to change the border of an element to Hex B87325 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
#B87325 }
```

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

```
.border{ border-color:#B87325 }
```

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

Here you see how a box with a 4 pixel #B87325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B87325; -webkit-box-shadow:4px 4px  
4px 4px #B87325; box-shadow:4px 4px 4px  
4px #B87325 }
```

# Background

The CSS property to change the background color of an element to Hex B87325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B87325 }
```

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

```
.background{ background-color:#B87325 }
```

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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