

Converting Colors

Hex(B57A35)

Have a look what the booklet for
Hex(B57A35) contains.

Hex(B57A35)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B57A35)

Conversions

Conversions Part 1

Format	Color
Hex	B57A35
RGB	181, 122, 53
RGB Percent	71%, 48%, 21%
CMY	0.2902, 0.5216, 0.7922
CMYK	0.00, 0.33, 0.71, 0.29
HSL	32°, 55%, 46%
HSV	32°, 71%, 71%
XYZ	26.6582, 23.9999, 6.5956
YIQ	131.7750, 57.3130, -8.9510

Conversions

Conversions Part 2

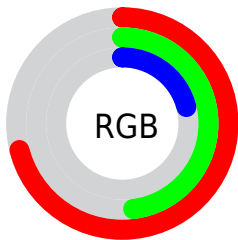
Format	Color
R _Y B	162, 181, 53
Decimal	11893301
CIE Lab	56.09, 16.57, 45.74
CIE LCh	56, 48.651, 70.089
Yxy	23.9999, 0.4656, 0.4192
Android (android.graphics.Color)	4290083381 (0xFFB57A35)
YUV	131.7750, -38.8361, 43.1703
Hunter-Lab	48.9897, 11.4006, 26.3105

Details

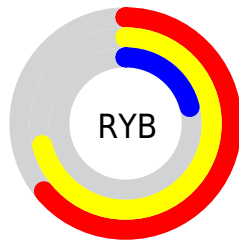
The Hex color **B57A35** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3570B5**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **F0AE67**, and **7C4900** is the 20% darker color. If you saturate the color by 10%, you get **B57223**, and if you desaturate by 10%, it is **B58247**.

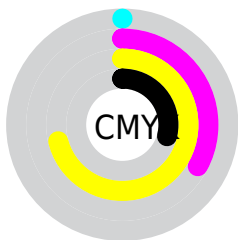
Distribution



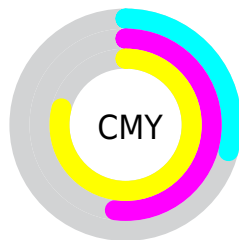
- Red (71%)
- Green (48%)
- Blue (21%)



- Red (64%)
- Yellow (71%)
- Blue (21%)



- Cyan (0%)
- Magenta (33%)
- Yellow (71%)
- Black (29%)



- Cyan (29%)
- Magenta (52%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B57A35 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 B57A35 by changing the saturation by 10% instead.

 B57A35

 B57A35

FFFFFF

 98611C

 F0AE67

 7C4900

 FFCA81

 603200

 FFE69C

 451D00

 FFFFB7

 2B0800

 FFFFD3

 000000

 FFFFF0

 B57A35

 B57A35

 B57223

 B58247

 B56911

 B58B59

 B56200

 B5936B

 B59B7D

 B5A490

 B5ACA2

 B5B4B4

 B5BDC6

 B5C5D8

Harmonies

Analogous

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



CE6A52



B57A35



90892E

Triad

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



B57A35



009B94



9C75C7

Complementary

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



B57A35



3570B5

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.



5386DA



B57A35



0099BC

Square

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



B57A35



0F9968



0093D6



C566A4

Rectangle

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



B57A35



739039



0093D6



887BD0

Sweetspot

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



B57A35



EBD4B9



B53571



756858



F5F5F5



757575

Same Dimension

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



B57A35



EB8F23



B1B535



595550



995200



1A0E00

Inverse Universe

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



3570B5



237FEB



3935B5



505459



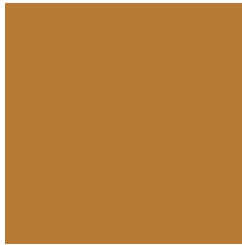
004799



000C1A

Previews

White Background



This preview shows how the Hex color B57A35 looks on a white background.

Color Contrast Check

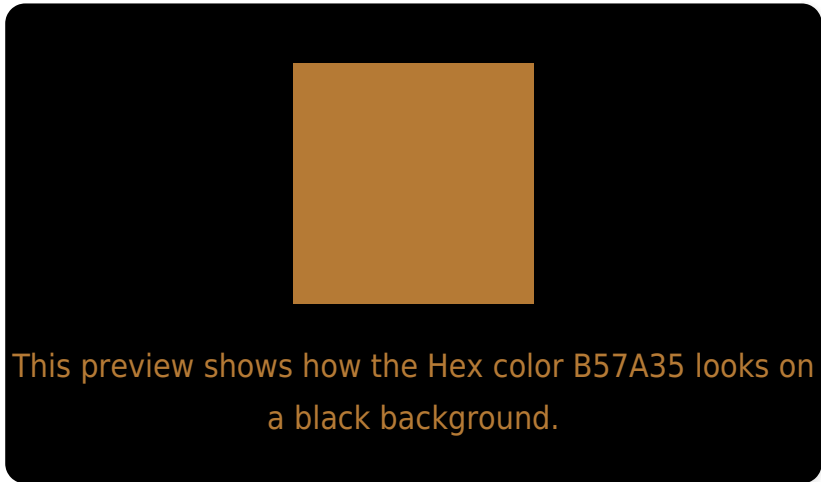
Large Text (above 18pt) WCAG AA ✓ Pass

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

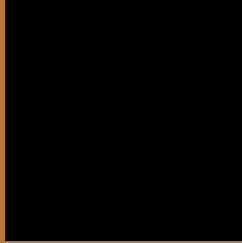
Any Text WCAG AA ✓ Pass

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 B57A35 Background



This preview shows how black text looks on a background with the Hex color B57A35.



This preview shows how white text looks on a background with the Hex color B57A35.

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](#).

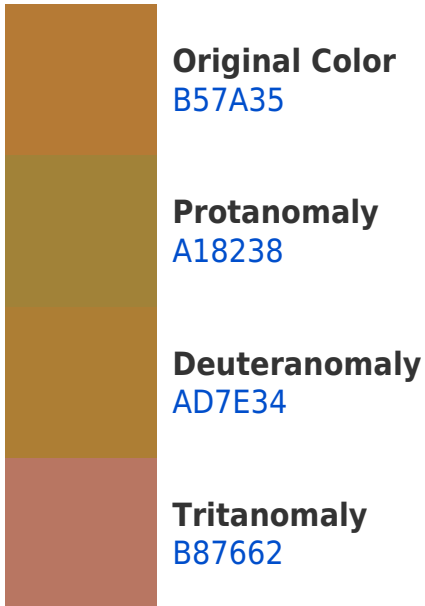
Dichromacy



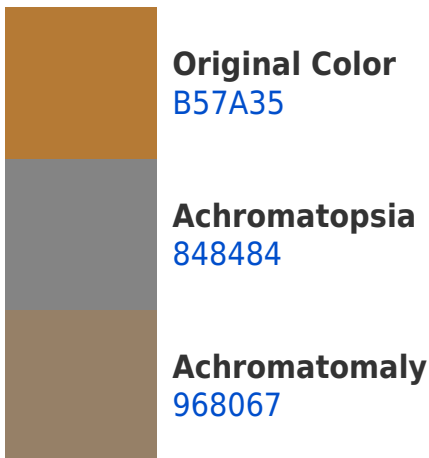


Tritanopia
B9737B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B57A35 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 #B57A35 looks like.

```
.text, #text, p{  
    color:#B57A35  
}
```

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 #B57A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B57A35
}
```

Border

The CSS property to change the border of an element to Hex B57A35 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
#B57A35 }
```

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

```
.border{ border-color:#B57A35 }
```

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

Here you see how a box with a 4 pixel #B57A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B57A35; -webkit-box-shadow:4px 4px  
4px 4px #B57A35; box-shadow:4px 4px 4px  
4px #B57A35 }
```

Background

The CSS property to change the background color of an element to Hex B57A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B57A35 }
```

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

```
.background{ background-color:#B57A35 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor