

Converting Colors

Hex(B07336)

Have a look what the booklet for
Hex(B07336) contains.

Hex(B07336)	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(B07336)

Conversions

Conversions Part 1

Format	Color
Hex	B07336
RGB	176, 115, 54
RGB Percent	69%, 45%, 21%
CMY	0.3098, 0.5490, 0.7882
CMYK	0.00, 0.35, 0.69, 0.31
HSL	30°, 53%, 45%
HSV	30°, 69%, 69%
XYZ	24.7011, 21.7579, 6.3878
YIQ	126.2850, 55.9370, -6.0390

Conversions

Conversions Part 2

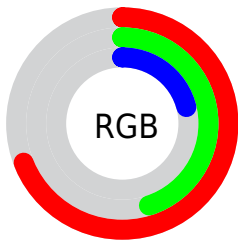
Format	Color
R _Y B	176, 176, 54
Decimal	11563830
CIE Lab	53.77, 18.35, 42.58
CIE LCh	54, 46.364, 66.688
Yxy	21.7579, 0.4674, 0.4117
Android (android.graphics.Color)	4289753910 (0xFFB07336)
YUV	126.2850, -35.6365, 43.6001
Hunter-Lab	46.6454, 12.8953, 24.5323

Details

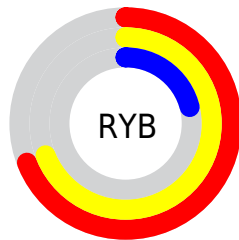
The Hex color **B07336** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3673B0**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EBA767**, and **774303** is the 20% darker color. If you saturate the color by 10%, you get **B06A24**, and if you desaturate by 10%, it is **B07C48**.

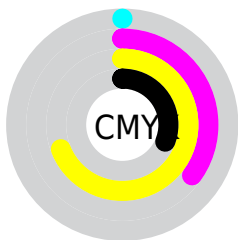
Distribution



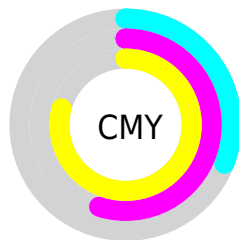
- Red (69%)
- Green (45%)
- Blue (21%)



- Red (69%)
- Yellow (69%)
- Blue (21%)



- Cyan (0%)
- Magenta (35%)
- Yellow (69%)
- Black (31%)



- Cyan (31%)
- Magenta (55%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color B07336 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 B07336 by changing the saturation by 10% instead.

 B07336

 B07336

FFFFFF

 935A1E

 EBA767

 774303

 FFC281

 5C2C00

 FFDE9C

 401700

 FFFBB7

 280000

 FFFFD3

 000000

 FFFFF0

 B07336

 B07336

 B06A24

 B07C48

 B06113

 B08559

 B05901

 B08D6B

 B05800

 B0967C

 B09F8E

 B0A8A0

 B0B1B1

 B0B9C3

 B0C2D4

Harmonies

Analogous

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



C66453



B07336



8E812C

Triad

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



B07336



009489



8F72C1

Complementary

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



B07336



3673B0

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.



4582D0



B07336



0093AF

Square

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



B07336



24925F



008DC9



B863A1

Rectangle

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



B07336



738935



008DC9



7B78C8

Sweetspot

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



B07336



E6CDB5



B03673



736456



F2F2F2



737373

Same Dimension

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



B07336



E68627



B0B036



595550



994D00



1A0D00

Inverse Universe

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



3673B0



2786E6



3636B0



505559



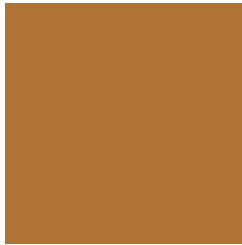
004D99



000D1A

Previews

White Background



This preview shows how the Hex color B07336 looks on a white background.

Color Contrast Check

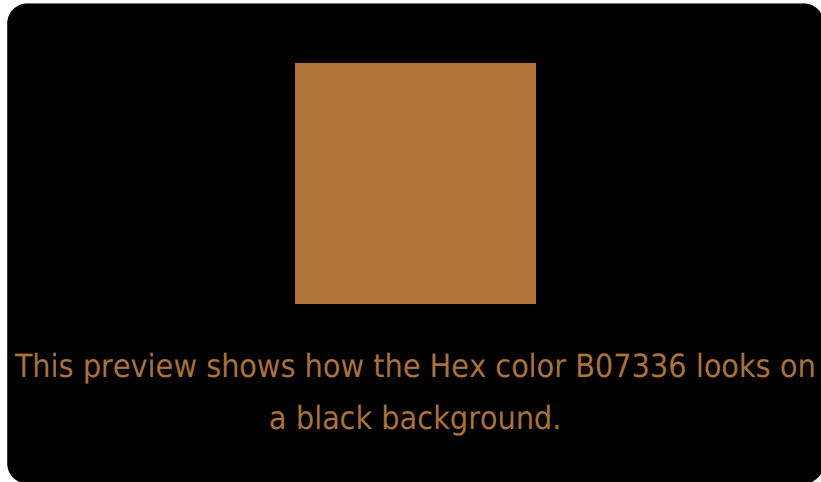
Large Text (above 18pt) WCAG AA ✓ Pass

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

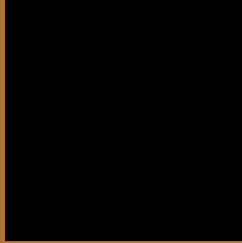
Any Text WCAG AA ✓ Pass

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 B07336 Background



This preview shows how black text looks on a background with the Hex color B07336.




This preview shows how white text looks on a background with the Hex color B07336.

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



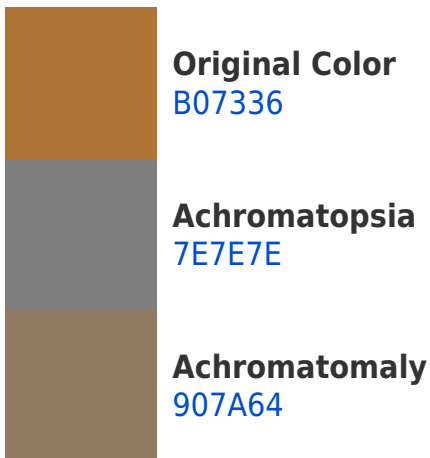


Tritanopia
B46C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B07336 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 #B07336 looks like.

```
.text, #text, p{  
    color:#B07336  
}
```

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 #B07336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B07336
}
```

Border

The CSS property to change the border of an element to Hex B07336 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
#B07336 }
```

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

```
.border{ border-color:#B07336 }
```

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

Here you see how a box with a 4 pixel #B07336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B07336; -webkit-box-shadow:4px 4px  
4px 4px #B07336; box-shadow:4px 4px 4px  
4px #B07336 }
```

Background

The CSS property to change the background color of an element to Hex B07336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B07336 }
```

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

```
.background{ background-color:#B07336 }
```

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