

Converting Colors

Hex(B37100)

Have a look what the booklet for
Hex(B37100) contains.

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Color

Hex(B37100)

Conversions

Conversions Part 1

Format	Color
Hex	B37100
RGB	179, 113, 0
RGB Percent	70%, 44%, 0%
CMY	0.2980, 0.5569, 1.0000
CMYK	0.00, 0.37, 1.00, 0.30
HSL	38°, 100%, 35%
HSV	38°, 100%, 70%
XYZ	24.4955, 21.3940, 2.8384
YIQ	119.8520, 75.6090, -21.1510

Conversions

Conversions Part 2

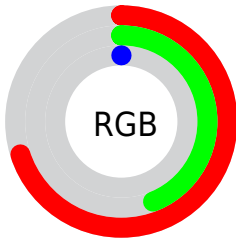
Format	Color
RYB	105, 179, 0
Decimal	11759872
CIELab	53.38, 19.15, 60.32
CIElCh	53, 63.282, 72.388
Yxy	21.3940, 0.5027, 0.4390
Android (android.graphics.Color)	4289949952 (0xFFB37100)
YUV	119.8520, -59.0870, 51.8728
Hunter-Lab	46.2536, 13.5883, 28.7391

Details

The Hex color **B37100** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0042B3**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **F0A541**, and **784100** is the 20% darker color. If you saturate the color by 10%, you get **B37100**, and if you desaturate by 10%, it is **B37812**.

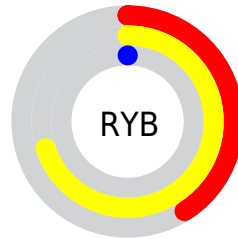
Distribution



Red (70%)

Green (44%)

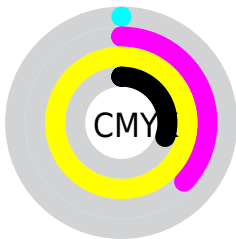
Blue (0%)



Red (41%)

Yellow (70%)

Blue (0%)

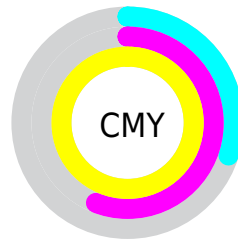


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B37100 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 B37100 by changing the saturation by 10% instead.

 B37100

 B37100

FFFFFF

 955800

 F0A541

 784100

 FFC05C

 5C2B00

 FFDC76

 401500

 FFF891

 280000

 FFFFAD

 000000

 FFFFC9

 FFFFEE

 B37100

 B37812

 B37E24

 B38536

 B38B48

 B3925A

 B3996B

 B39F7D

 B3A68F

 B3ACA1

Harmonies

Analogous

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



D45938



B37100



848400

Triad

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



B37100



009995



9E66D1

Complementary

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



B37100



0042B3

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.



257EEB



B37100



0096C8

Square

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



B37100



00965C



008FE8



D04DA2

Rectangle

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



B37100



5E8D12



008FE8



836FDC

Sweetspot

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



B37100



E8CEA2



B30045



75664B



F5F5F5



757575

Same Dimension

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



B37100



E89200



9EB300



595650



996100



1A1000

Inverse Universe

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



0042B3



0056E8



1500B3



505459



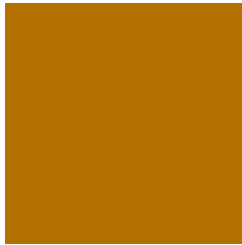
003899



00091A

Previews

White Background



This preview shows how the Hex color B37100 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 B37100 Background



This preview shows how black text looks on a background with the Hex color B37100.



This preview shows how white text looks on a background with the Hex color B37100.

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
B37100

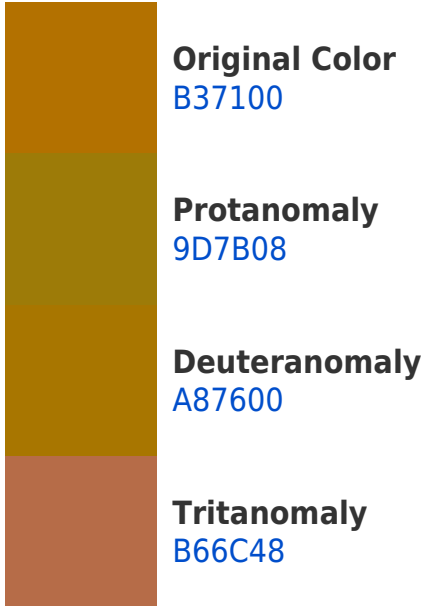
Protanopia
90800D

Deuteranopia
A27900



Tritanopia
B76971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B37100 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 #B37100 looks like.

```
.text, #text, p{  
    color:#B37100  
}
```

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 #B37100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B37100
}
```

Border

The CSS property to change the border of an element to Hex B37100 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
#B37100 }
```

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

```
.border{ border-color:#B37100 }
```

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

Here you see how a box with a 4 pixel #B37100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B37100; -webkit-box-shadow:4px 4px  
4px 4px #B37100; box-shadow:4px 4px 4px  
4px #B37100 }
```

Background

The CSS property to change the background color of an element to Hex B37100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B37100 }
```

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

```
.background{ background-color:#B37100 }
```

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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