

Converting Colors

Hex(B34417)

Have a look what the booklet for
Hex(B34417) contains.

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Color

Hex(B34417)

Conversions

Conversions Part 1

Format	Color
Hex	B34417
RGB	179, 68, 23
RGB Percent	70%, 27%, 9%
CMY	0.2980, 0.7333, 0.9098
CMYK	0.00, 0.62, 0.87, 0.30
HSL	17°, 77%, 40%
HSV	17°, 87%, 70%
XYZ	20.8122, 13.7798, 2.3735
YIQ	96.0590, 80.6010, 9.5370

Conversions

Conversions Part 2

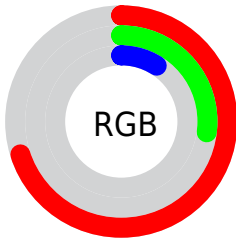
Format	Color
R_{YB}	179, 86, 23
Decimal	11748375
CIE _{Lab}	43.92, 43.11, 47.43
CIE _{LCh}	44, 64.098, 47.733
Yxy	13.7798, 0.5630, 0.3728
Android (android.graphics.Color)	4289938455 (0xFFB34417)
YUV	96.0590, -36.0181, 72.7393
Hunter-Lab	37.1212, 35.1149, 22.1939

Details

The Hex color **B34417** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1786B3**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **F17848**, and **760A00** is the 20% darker color. If you saturate the color by 10%, you get **B33705**, and if you desaturate by 10%, it is **B35129**.

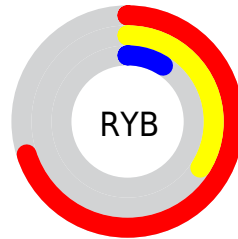
Distribution



Red (70%)

Green (27%)

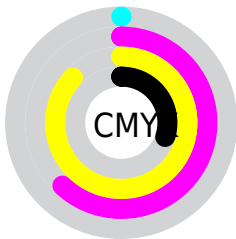
Blue (9%)



Red (70%)

Yellow (34%)

Blue (9%)

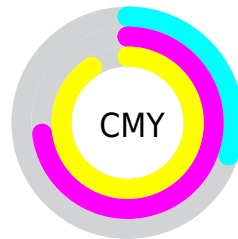


Cyan (0%)

Magenta (62%)

Yellow (87%)

Black (30%)



Cyan (30%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34417 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 B34417 by changing the saturation by 10% instead.

 B34417

 B34417

FFFFFF

 942A00

 F17848

 760A00

 FF9360

 590000

 FFAF7A

 3D0000

 FFCB94

 1F0001

 FFE7AF

 000000

 FFFFCB

 FFFF E8

 B34417

 B34417

 B33705

 B35129

 B33400

 B35D3B

 B36A4D

 B3775F

 B38471

 B39082

 B39D94

 B3AAA6

 B3B7B8

Harmonies

Analogous

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



C4294B



B34417



905E00

Triad

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



B34417



007E4F



2163CE

Complementary

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



B34417



1786B3

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.



0075D1



B34417



007F87

Square

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



B34417



0E7914



007DB6



9049B0

Rectangle

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



B34417



726A00



007DB6



006AD2

Sweetspot

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



B34417



E8BDAC



B31787



755B51



F5F5F5



757575

Same Dimension

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



B34417



E84300



B39117



595350



992C00



1A0700

Inverse Universe

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



1786B3



00A5E8



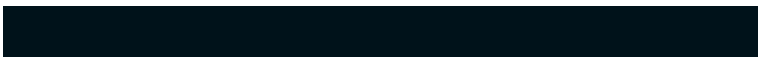
1739B3



505759



006D99



00121A

Previews

White Background



This preview shows how the Hex color B34417 looks on a white background.

Color Contrast Check

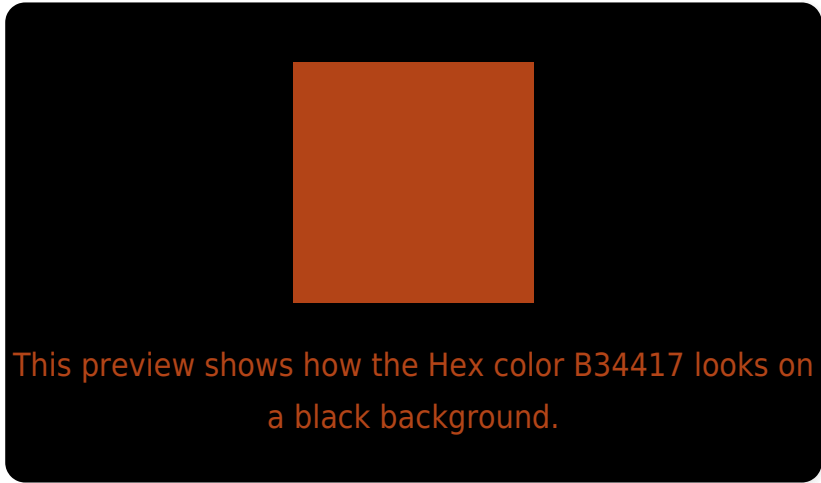
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B34417 Background



This preview shows how black text looks on a background with the Hex color B34417.



This preview shows how white text looks on a background with the Hex color B34417.

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
B34417

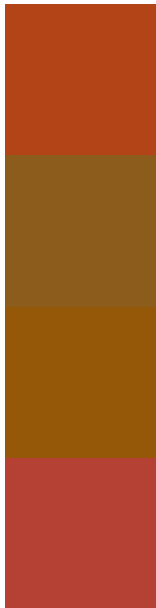
Protanopia
756920

Deuteranopia
846300



Tritanopia
B44043

Trichromacy



Original Color
B34417

Protanomaly
8C5C1D

Deuteranomaly
955808

Tritanomaly
B44133

Monochromacy



Original Color
B34417

Achromatopsia
606060

Achromatomaly
7E5645

CSS Examples

Text

The CSS property to change the color of the text to Hex B34417 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 #B34417 looks like.

```
.text, #text, p{  
    color:#B34417  
}
```

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 #B34417 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34417  
}
```

Border

The CSS property to change the border of an element to Hex B34417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

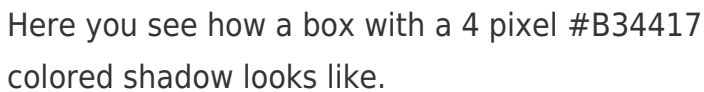
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#B34417 }
```

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

```
.border{ border-color:#B34417 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #B34417 colored shadow looks like." The box is centered horizontally and vertically on the page.

Here you see how a box with a 4 pixel #B34417 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34417; -webkit-box-shadow:4px 4px  
4px 4px #B34417; box-shadow:4px 4px 4px  
4px #B34417 }
```

Background

The CSS property to change the background color of an element to Hex B34417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34417 }
```

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

```
.background{ background-color:#B34417 }
```

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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