

Converting Colors

Hex(B34100)

Have a look what the booklet for
Hex(B34100) contains.

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Color

Hex(B34100)

Conversions

Conversions Part 1

Format	Color
Hex	B34100
RGB	179, 65, 0
RGB Percent	70%, 25%, 0%
CMY	0.2980, 0.7451, 1.0000
CMYK	0.00, 0.64, 1.00, 0.30
HSL	22°, 100%, 35%
HSV	22°, 100%, 70%
XYZ	20.4807, 13.3643, 1.5001
YIQ	91.6760, 88.8090, 3.9530

Conversions

Conversions Part 2

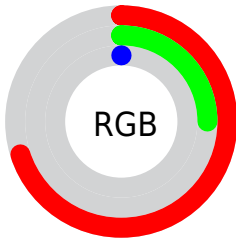
Format	Color
RYB	179, 102, 0
Decimal	11747584
CIELab	43.31, 44.12, 54.31
CIELCh	43, 69.974, 50.906
Yxy	13.3643, 0.5794, 0.3781
Android (android.graphics.Color)	4289937664 (0xFFB34100)
YUV	91.6760, -45.1963, 76.5831
Hunter-Lab	36.5572, 36.0272, 23.1571

Details

The Hex color **B34100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0072B3**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **F27538**, and **760400** is the 20% darker color. If you saturate the color by 10%, you get **B34100**, and if you desaturate by 10%, it is **B34C12**.

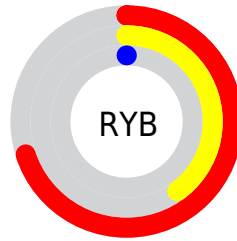
Distribution



Red (70%)

Green (25%)

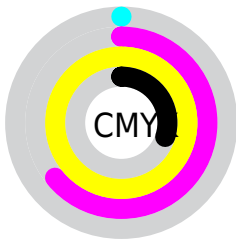
Blue (0%)



Red (70%)

Yellow (40%)

Blue (0%)

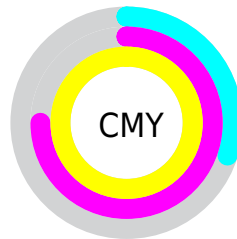


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (30%)



Cyan (30%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B34100 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 B34100 by changing the saturation by 10% instead.

 B34100

 B34100

 FFFFF4

 942600

 F27538

 760400

 FF9051

 580000

 FFAC6B

 3C0000

 FFC885

 1D0001

 FFE4A0

 000000

 FFFFBB

 FFFFD8

 B34100

 B34C12

 B35824

 B36336

 B36F48

 B37A5A

 B3856B

 B3917D

 B39C8F

 B3A8A1

Harmonies

Analogous

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



C81941



B34100



8B5E00

Triad

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



B34100



007E52



265FD4

Complementary

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



B34100



0072B3

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.



0073DA



B34100



007F8E

Square

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



B34100



00790E



007CC0



983FB0

Rectangle

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



B34100



6A6B00



007CC0



0067DA

Sweetspot

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



B34100



E8BCA2



B30074



755A4B



F5F5F5



757575

Same Dimension

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



B34100



E85400



B39800



595450



993800



1A0900

Inverse Universe

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



0072B3



0094E8



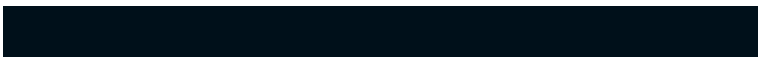
001BB3



505659



006199



00101A

Previews

White Background



This preview shows how the Hex color B34100 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 B34100 Background



This preview shows how black text looks on a background with the Hex color B34100.



This preview shows how white text looks on a background with the Hex color B34100.

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
B34100

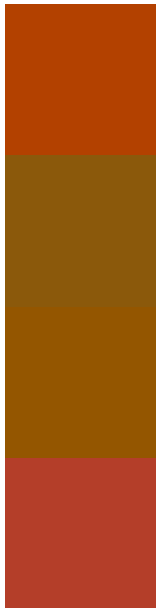
Protanopia
746712

Deuteranopia
826200



Tritanopia
B43D40

Trichromacy



Original Color
B34100

Protanomaly
8B590B

Deuteranomaly
945600

Tritanomaly
B43E29

Monochromacy



Original Color
B34100

Achromatopsia
5C5C5C

Achromatomaly
7C523B

CSS Examples

Text

The CSS property to change the color of the text to Hex B34100 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 #B34100 looks like.

```
.text, #text, p{  
    color:#B34100  
}
```

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 #B34100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B34100
}
```

Border

The CSS property to change the border of an element to Hex B34100 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
#B34100 }
```

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

```
.border{ border-color:#B34100 }
```

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

Here you see how a box with a 4 pixel #B34100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B34100; -webkit-box-shadow:4px 4px  
4px 4px #B34100; box-shadow:4px 4px 4px  
4px #B34100 }
```

Background

The CSS property to change the background color of an element to Hex B34100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B34100 }
```

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

```
.background{ background-color:#B34100 }
```

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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