

Converting Colors

Hex(B30D0C)

Have a look what the booklet for
Hex(B30D0C) contains.

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Color

Hex(B30D0C)

Conversions

Conversions Part 1

Format	Color
Hex	B30D0C
RGB	179, 13, 12
RGB Percent	70%, 5%, 5%
CMY	0.2980, 0.9490, 0.9529
CMYK	0.00, 0.93, 0.93, 0.30
HSL	0°, 87%, 37%
HSV	0°, 93%, 70%
XYZ	18.8007, 9.8981, 1.2674
YIQ	62.5200, 99.2570, 34.8810

Conversions

Conversions Part 2

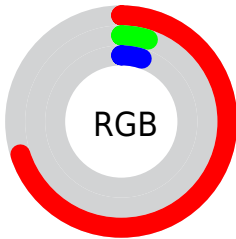
Format	Color
RYB	179, 13, 12
Decimal	11734284
CIELab	37.66, 60.04, 47.19
CIElCh	38, 76.364, 38.166
Yxy	9.8981, 0.6274, 0.3303
Android (android.graphics.Color)	4289924364 (0xFFB30D0C)
YUV	62.5200, -24.9064, 102.1530
Hunter-Lab	31.4612, 51.6113, 19.6343

Details

The Hex color **B30D0C** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0CB2B3**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **F3533B**, and **740000** is the 20% darker color. If you saturate the color by 10%, you get **B30100**, and if you desaturate by 10%, it is **B31F1E**.

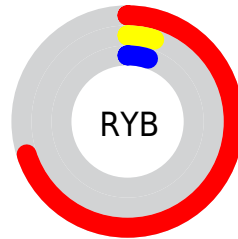
Distribution



Red (70%)

Green (5%)

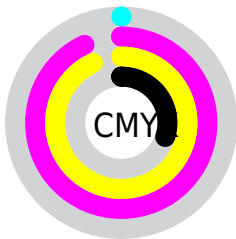
Blue (5%)



Red (70%)

Yellow (5%)

Blue (5%)

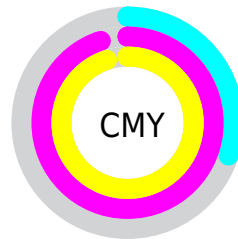


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (30%)



Cyan (30%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color B30D0C 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 B30D0C by changing the saturation by 10% instead.

 B30D0C

 B30D0C

 FFFFF4

 940000

 F3533B

 740000

 FF6F53

 550000

 FF8C6C

 390002

 FFA886

 110000

 FFC5A0

 000000

 FFE2BB

 FFFFD7

 B30D0C

 B30D0C

 B30100

 B31F1E

 B33130

 B34242

 B35454

 B36666

 B37877

 B38A89

 B39B9B

 B3ADAD

Harmonies

Analogous

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



BF004B



B30D0C



904300

Triad

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



B30D0C



006E26



005CD6

Complementary

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



B30D0C



0CB2B3

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.



006CCD



B3D0C



007169

Square

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



B30D0C



006800



0071A5



683DBB

Rectangle

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



B30D0C



705500



0071A5



0063D7

Sweetspot

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



B30D0C



E8A7A7



B30CB3



754E4D



F5F5F5



757575

Same Dimension

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



B30D0C



E80100



B3600C



595050



990100



1A0000

Inverse Universe

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



0CB2B3



00E7E8



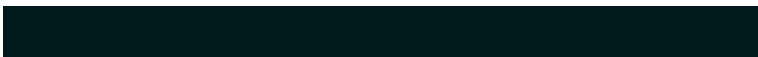
0C60B3



505959



009899



00191A

Previews

White Background



This preview shows how the Hex color B30D0C looks on a white background.

Color Contrast Check

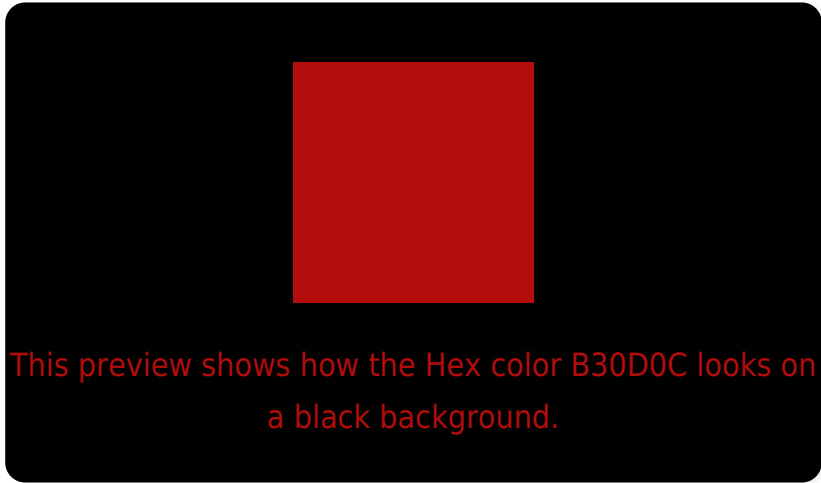
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 B30D0C Background



This preview shows how black text looks on a background with the Hex color B30D0C.



This preview shows how white text looks on a background with the Hex color B30D0C.

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
B30D0C

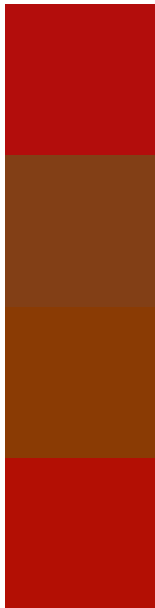
Protanopia
665B1C

Deuteranopia
725600



Tritanopia
B31000

Trichromacy



Original Color
B30D0C

Protanomaly
823F16

Deuteranomaly
8A3B04

Tritanomaly
B30F04

Monochromacy



Original Color
B30D0C

Achromatopsia
3F3F3F

Achromatomaly
692D2C

CSS Examples

Text

The CSS property to change the color of the text to Hex B30D0C 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 #B30D0C looks like.

```
.text, #text, p{  
    color:#B30D0C  
}
```

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 #B30D0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B30D0C
}
```

Border

The CSS property to change the border of an element to Hex B30D0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

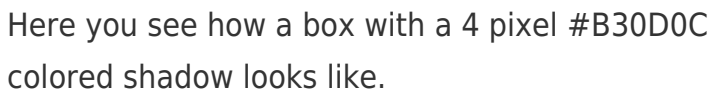
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B30D0C }
```

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

```
.border{ border-color:#B30D0C }
```

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



Here you see how a box with a 4 pixel #B30D0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B30D0C; -webkit-box-shadow:4px 4px  
4px 4px #B30D0C; box-shadow:4px 4px 4px  
4px #B30D0C }
```

Background

The CSS property to change the background color of an element to Hex B30D0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B30D0C }
```

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

```
.background{ background-color:#B30D0C }
```

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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