

Converting Colors

Hex(B10B07)

Have a look what the booklet for
Hex(B10B07) contains.

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Color

Hex(B10B07)

Conversions

Conversions Part 1

Format	Color
Hex	B10B07
RGB	177, 11, 7
RGB Percent	69%, 4%, 3%
CMY	0.3059, 0.9569, 0.9725
CMYK	0.00, 0.94, 0.96, 0.31
HSL	1°, 92%, 36%
HSV	1°, 96%, 69%
XYZ	18.2895, 9.6018, 1.0904
YIQ	60.1780, 100.2200, 33.9480

Conversions

Conversions Part 2

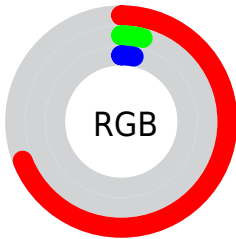
Format	Color
RYB	177, 11, 7
Decimal	11602695
CIELab	37.12, 59.71, 48.47
CIElCh	37, 76.906, 39.072
Yxy	9.6018, 0.6311, 0.3313
Android (android.graphics.Color)	4289792775 (0xFFB10B07)
YUV	60.1780, -26.2168, 102.4529
Hunter-Lab	30.9868, 51.1302, 19.6044

Details

The Hex color **B10B07** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **07ADB1**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **F15237**, and **720000** is the 20% darker color. If you saturate the color by 10%, you get **B10400**, and if you desaturate by 10%, it is **B11C19**.

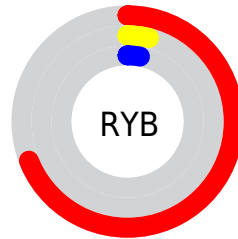
Distribution



Red (69%)

Green (4%)

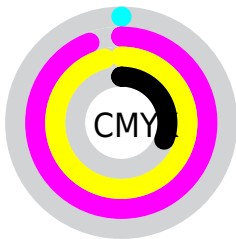
Blue (3%)



Red (69%)

Yellow (4%)

Blue (3%)

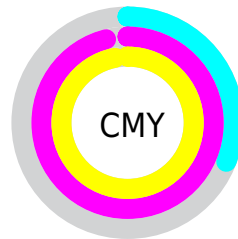


Cyan (0%)

Magenta (94%)

Yellow (96%)

Black (31%)



Cyan (31%)

Magenta (96%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color B10B07 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 B10B07 by changing the saturation by 10% instead.

 B10B07

 B10B07

 FFFFFFF0

 920000

 F15237

 720000

 FF6E4F

 540000

 FF8A68

 370002

 FFA782

 0B0000

 FFC49C

 000000


 FFE1B7

 FFFED3

 B10B07

 B10B07

 B10400

 B11C19

 B12E2A

 B13F3C

 B1504E

 B1615F

 B17371

 B18483

 B19595

 B1A7A6

Harmonies

Analogous

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



BE0048



B10B07



8D4300

Triad

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



B10B07



006D27



005BD5

Complementary

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



B10B07



07ADB1

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.



006ACD



B10B07



006F69

Square

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



B10B07



006700



006FA5



6A3AB9

Rectangle

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



B10B07



6D5500



006FA5



0061D6

Sweetspot

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



B10B07



E6A5A3



B107AE



734C4B



F2F2F2



737373

Same Dimension

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



B10B07



E60500



B15F07



595150



990400



1A0100

Inverse Universe

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



07ADB1



00E0E6



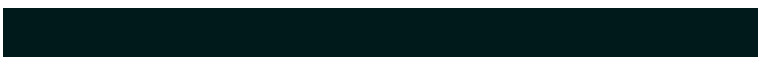
0759B1



505959



009599



00191A

Previews

White Background



This preview shows how the Hex color B10B07 looks on a white background.

Color Contrast Check

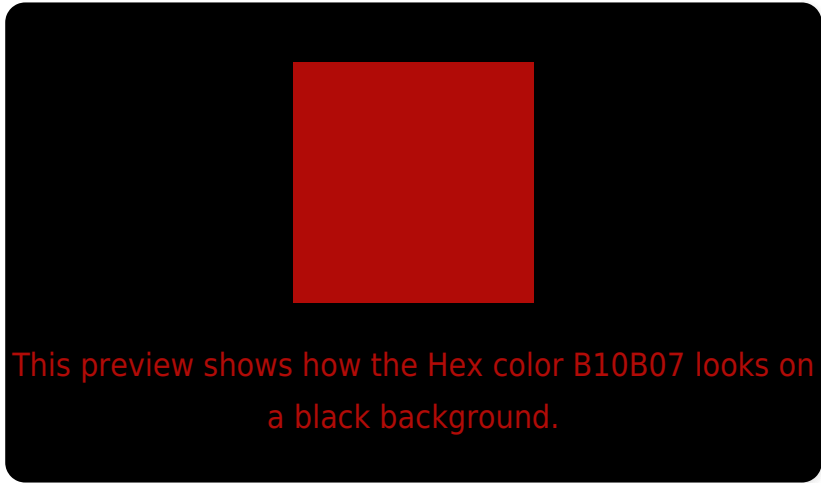
Large Text (above 18pt) WCAG AA ✓ Pass

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 B10B07 Background



This preview shows how black text looks on a background with the Hex color B10B07.



This preview shows how white text looks on a background with the Hex color B10B07.

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
B10B07

Protanopia
655A18

Tritanopia
B01000

Trichromacy



Original Color
B10B07

Protanomaly
813D12

Tritanomaly
B00E03

Monochromacy



Original Color
B10B07

Achromatopsia
3C3C3C

Achromatomaly
672A29

CSS Examples

Text

The CSS property to change the color of the text to Hex B10B07 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 #B10B07 looks like.

```
.text, #text, p{  
    color:#B10B07  
}
```

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 #B10B07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B10B07
}
```

Border

The CSS property to change the border of an element to Hex B10B07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

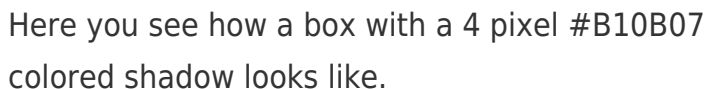
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B10B07 }
```

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

```
.border{ border-color:#B10B07 }
```

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



Here you see how a box with a 4 pixel #B10B07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B10B07; -webkit-box-shadow:4px 4px  
4px 4px #B10B07; box-shadow:4px 4px 4px  
4px #B10B07 }
```

Background

The CSS property to change the background color of an element to Hex B10B07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B10B07 }
```

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

```
.background{ background-color:#B10B07 }
```

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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