

Converting Colors

Hex(B97F13)

Have a look what the booklet for
Hex(B97F13) contains.

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Color

Hex(B97F13)

Conversions

Conversions Part 1

Format	Color
Hex	B97F13
RGB	185, 127, 19
RGB Percent	73%, 50%, 7%
CMY	0.2745, 0.5020, 0.9255
CMYK	0.00, 0.31, 0.90, 0.27
HSL	39°, 81%, 40%
HSV	39°, 90%, 73%
XYZ	27.7145, 25.5400, 4.0851
YIQ	132.0300, 69.2360, -21.2920

Conversions

Conversions Part 2

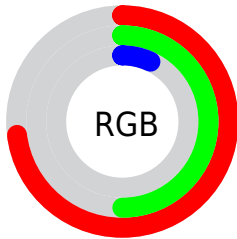
Format	Color
R_{YB}	108, 185, 19
Decimal	12156691
CIE _{Lab}	57.60, 14.33, 59.94
CIE _{LCh}	58, 61.627, 76.558
Yxy	25.5400, 0.4833, 0.4454
Android (android.graphics.Color)	4290346771 (0xFFB97F13)
YUV	132.0300, -55.7238, 46.4547
Hunter-Lab	50.5372, 9.4491, 30.5834

Details

The Hex color **B97F13** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **134DB9**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **F6B44D**, and **7F4E00** is the 20% darker color. If you saturate the color by 10%, you get **B97900**, and if you desaturate by 10%, it is **B98525**.

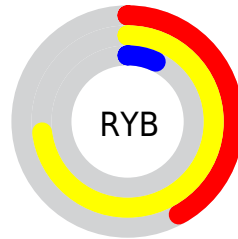
Distribution



Red (73%)

Green (50%)

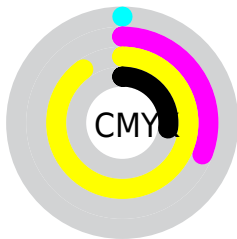
Blue (7%)



Red (42%)

Yellow (73%)

Blue (7%)

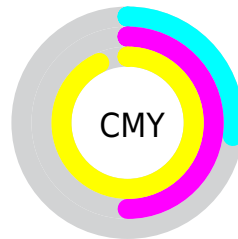


Cyan (0%)

Magenta (31%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (50%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B97F13 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 B97F13 by changing the saturation by 10% instead.

 B97F13

 B97F13

FFFFFF

 9B6600

 F6B44D

 7F4E00

 FFCF67

 623700

 FFE882

 462200

 FFFF9D

 2C0E00

 FFFF80

 0A0000

 FFFFD6

 000000

 FFFFF3

 B97F13

 B97F13

 B97900

 B98525

 B97800

 B98C38

 B9924A

 B9995D

 B99F6F

 B9A682

 B9AC94

 B9B3A7

 B9B9BA

Harmonies

Analogous

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



DC683D



B97F13



89910D

Triad

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



B97F13



00A4A7



B26ED5

Complementary

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



B97F13



134DB9

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.



5786F2



B97F13



00A1D8

Square

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



B97F13



00A26F



0097F3



DF59A5

Rectangle

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



B97F13



61992B



0097F3



9B77E1

Sweetspot

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



B97F13



F0D9AF



B9134D



786A51



F7F7F7



787878

Same Dimension

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



B97F13



F09C00



A0B913



5C5953



9C6500



1C1200

Inverse Universe

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



134DB9



0054F0



2C13B9



53565C



00369C



000A1C

Previews

White Background



This preview shows how the Hex color B97F13 looks on a white background.

Color Contrast Check

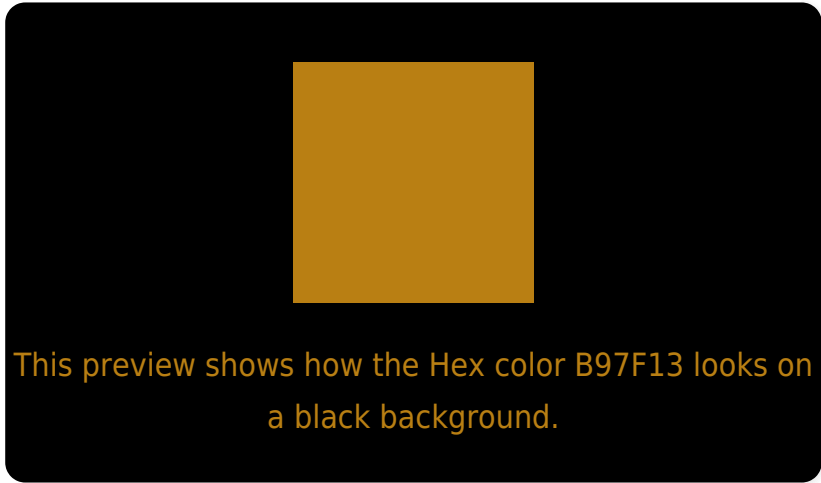
Large Text (above 18pt) WCAG AA ✓ Pass

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 B97F13 Background



This preview shows how black text looks on a background with the Hex color B97F13.



This preview shows how white text looks on a background with the Hex color B97F13.

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
B97F13

Protanopia
9C8B17

Deuteranopia
AF840E

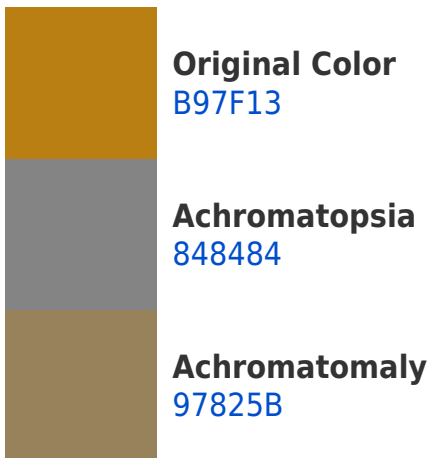


Tritanopia
BE767F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B97F13 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 #B97F13 looks like.

```
.text, #text, p{  
    color:#B97F13  
}
```

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 #B97F13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B97F13
}
```

Border

The CSS property to change the border of an element to Hex B97F13 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
#B97F13 }
```

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

```
.border{ border-color:#B97F13 }
```

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

Here you see how a box with a 4 pixel #B97F13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B97F13; -webkit-box-shadow:4px 4px  
4px 4px #B97F13; box-shadow:4px 4px 4px  
4px #B97F13 }
```

Background

The CSS property to change the background color of an element to Hex B97F13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B97F13 }
```

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

```
.background{ background-color:#B97F13 }
```

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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