

Converting Colors

Hex(B13F00)

Have a look what the booklet for
Hex(B13F00) contains.

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Color

Hex(B13F00)

Conversions

Conversions Part 1

Format	Color
Hex	B13F00
RGB	177, 63, 0
RGB Percent	69%, 25%, 0%
CMY	0.3059, 0.7529, 1.0000
CMYK	0.00, 0.64, 1.00, 0.31
HSL	21°, 100%, 35%
HSV	21°, 100%, 69%
XYZ	19.9090, 12.9021, 1.4410
YIQ	89.9040, 88.1670, 4.5750

Conversions

Conversions Part 2

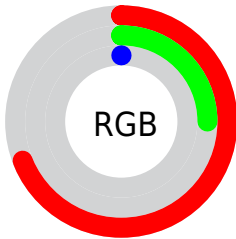
Format	Color
R_{YB}	177, 98, 0
Decimal	11616000
CIE _{Lab}	42.62, 44.29, 53.75
CIE _{LCh}	43, 69.649, 50.513
Yxy	12.9021, 0.5812, 0.3767
Android (android.graphics.Color)	4289806080 (0xFFB13F00)
YUV	89.9040, -44.3227, 76.3832
Hunter-Lab	35.9195, 36.0773, 22.7650

Details

The Hex color **B13F00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0072B1**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **F07338**, and **740100** is the 20% darker color. If you saturate the color by 10%, you get **B13F00**, and if you desaturate by 10%, it is **B14A12**.

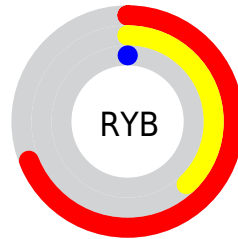
Distribution



Red (69%)

Green (25%)

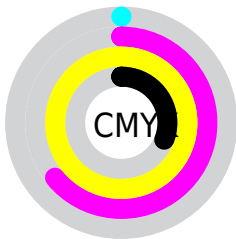
Blue (0%)



Red (69%)

Yellow (38%)

Blue (0%)

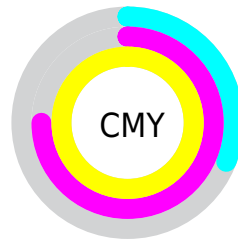


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (31%)



Cyan (31%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color B13F00 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 B13F00 by changing the saturation by 10% instead.

 B13F00

 B13F00

 FFFFFFF4

 922400

 F07338

 740100

 FF8E51

 560000

 FFAA6A

 3B0001

 FFC684

 190001

 FFE29F

 000000

 FFFFBB

 FFFF D7

 B13F00

 B14A12

 B15623

 B16135

 B16D47

 B17859

 B1836A

 B18F7C

 B19A8E

 B1A69F

Harmonies

Analogous

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



C61641



B13F00



8A5C00

Triad

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



B13F00



007C50



1F5ED2

Complementary

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



B13F00



0072B1

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.



0071D8



B13F00



007D8C

Square

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



B13F00



00770B



007ABD



953EAF

Rectangle

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



B13F00



696900



007ABD



0066D7

Sweetspot

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



B13F00



E6B9A1



B10073



735849



F2F2F2



737373

Same Dimension

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



B13F00



E65200



B19600



595450



993600



1A0900

Inverse Universe

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



0072B1



0094E6



001BB1



505659



006399



00101A

Previews

White Background



This preview shows how the Hex color B13F00 looks on a white background.

Color Contrast Check

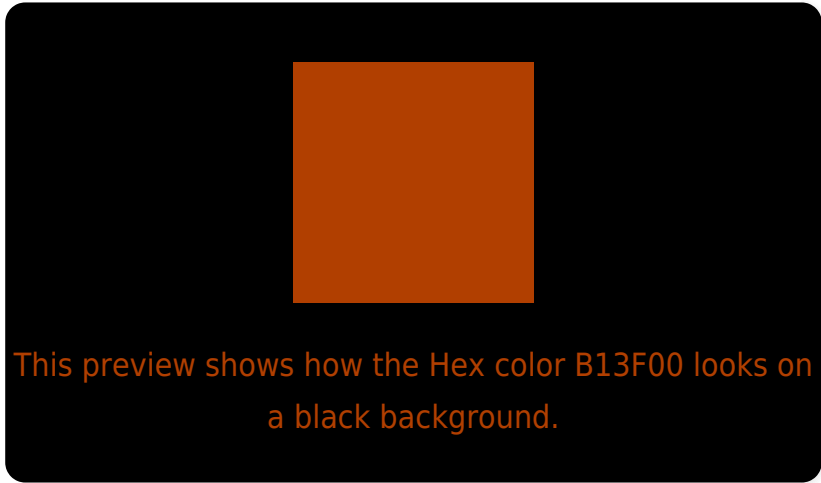
Large Text (above 18pt) WCAG AA ✓ Pass

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 B13F00 Background



This preview shows how black text looks on a background with the Hex color B13F00.



This preview shows how white text looks on a background with the Hex color B13F00.

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
B13F00

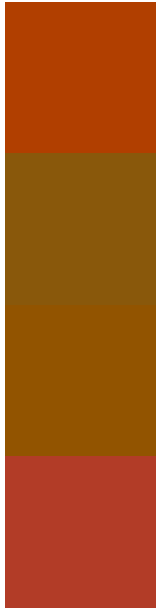
Protanopia
726612

Deuteranopia
806000



Tritanopia
B23B3E

Trichromacy



Original Color
B13F00

Protanomaly
89580B

Deuteranomaly
925400

Tritanomaly
B23C27

Monochromacy



Original Color
B13F00

Achromatopsia
5A5A5A

Achromatomaly
7A5039

CSS Examples

Text

The CSS property to change the color of the text to Hex B13F00 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 #B13F00 looks like.

```
.text, #text, p{  
    color:#B13F00  
}
```

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 #B13F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B13F00
}
```

Border

The CSS property to change the border of an element to Hex B13F00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

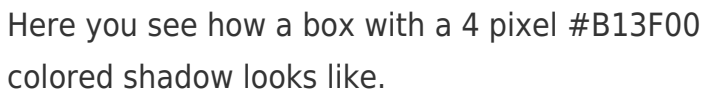
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B13F00 }
```

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

```
.border{ border-color:#B13F00 }
```

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



Here you see how a box with a 4 pixel #B13F00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B13F00; -webkit-box-shadow:4px 4px  
4px 4px #B13F00; box-shadow:4px 4px 4px  
4px #B13F00 }
```

Background

The CSS property to change the background color of an element to Hex B13F00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B13F00 }
```

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

```
.background{ background-color:#B13F00 }
```

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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