

Converting Colors

Hex(B93D13)

Have a look what the booklet for
Hex(B93D13) contains.

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Color

Hex(B93D13)

Conversions

Conversions Part 1

Format	Color
Hex	B93D13
RGB	185, 61, 19
RGB Percent	73%, 24%, 7%
CMY	0.2745, 0.7608, 0.9255
CMYK	0.00, 0.67, 0.90, 0.27
HSL	15°, 81%, 40%
HSV	15°, 90%, 73%
XYZ	21.7939, 13.6988, 2.1116
YIQ	93.2880, 87.3860, 13.2260

Conversions

Conversions Part 2

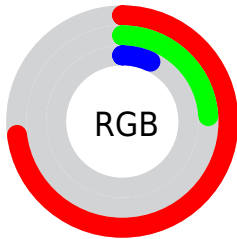
Format	Color
RYB	185, 75, 19
Decimal	12139795
CIELab	43.80, 48.28, 49.37
CIElCh	44, 69.053, 45.635
Yxy	13.6988, 0.5796, 0.3643
Android (android.graphics.Color)	4290329875 (0xFFB93D13)
YUV	93.2880, -36.6240, 80.4314
Hunter-Lab	37.0119, 40.3362, 22.5258

Details

The Hex color **B93D13** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **138FB9**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **F87344**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **B92F00**, and if you desaturate by 10%, it is **B94B25**.

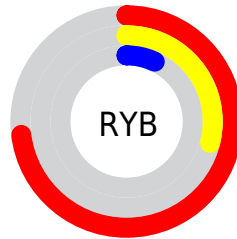
Distribution



Red (73%)

Green (24%)

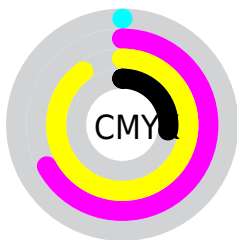
Blue (7%)



Red (73%)

Yellow (29%)

Blue (7%)

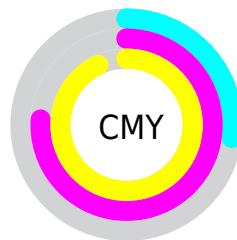


Cyan (0%)

Magenta (67%)

Yellow (90%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B93D13 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 B93D13 by changing the saturation by 10% instead.

 B93D13

 B93D13

FFFFFF

 9A2000

 F87344

 7B0000

 FF8E5D

 5D0000

 FFA976

 410001

 FFC591

 230001

 FFE2AC

 000000

 FFFFC7

 FFFFE4

 B93D13

 B93D13

 B92F00

 B94B25

 B95938

 B9664A

 B9745D

 B9826F

 B99082

 B99E94

 B9ACA7

 B9B9BA

Harmonies

Analogous

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



CA184D



B93D13



945B00

Triad

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



B93D13



007E49



0065D7

Complementary

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



B93D13



138FB9

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.



0076D8



B93D13



008085

Square

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



B93D13



047900



007EB9



8D47B9

Rectangle

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



B93D13



756900



007EB9



006CDB

Sweetspot

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



B93D13



F0BFAF



B91390



785B51



F7F7F7



787878

Same Dimension

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



B93D13



F03D00



B99013



5C5553



9C2700



1C0700

Inverse Universe

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



138FB9



00B3F0



133CB9



53595C



00749C



00151C

Previews

White Background



This preview shows how the Hex color B93D13 looks on a white background.

Color Contrast Check

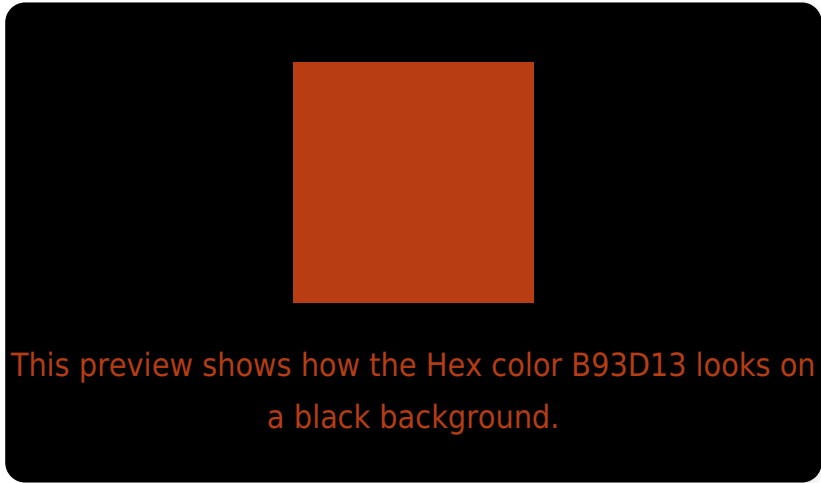
Large Text (above 18pt) WCAG AA ✓ Pass

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 B93D13 Background



This preview shows how black text looks on a background with the Hex color B93D13.



This preview shows how white text looks on a background with the Hex color B93D13.

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

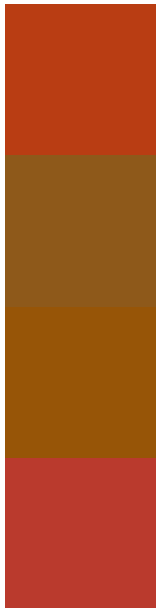


Original Color
B93D13

Protanopia
75691E

Deuteranopia
846300

Trichromacy



Original Color
B93D13

Protanomaly
8E591A

Deuteranomaly
975507

Tritanomaly
BA3A2D

Monochromacy



Original Color
B93D13

Achromatopsia
5D5D5D

Achromatomaly
7E5142

CSS Examples

Text

The CSS property to change the color of the text to Hex B93D13 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 #B93D13 looks like.

```
.text, #text, p{  
    color:#B93D13  
}
```

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 #B93D13 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93D13
}
```

Border

The CSS property to change the border of an element to Hex B93D13 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
#B93D13 }
```

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

```
.border{ border-color:#B93D13 }
```

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

Here you see how a box with a 4 pixel #B93D13 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93D13; -webkit-box-shadow:4px 4px  
4px 4px #B93D13; box-shadow:4px 4px 4px  
4px #B93D13 }
```

Background

The CSS property to change the background color of an element to Hex B93D13 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93D13 }
```

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

```
.background{ background-color:#B93D13 }
```

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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