

Converting Colors

Hex(B93A10)

Have a look what the booklet for
Hex(B93A10) contains.

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Color

Hex(B93A10)

Conversions

Conversions Part 1

Format	Color
Hex	B93A10
RGB	185, 58, 16
RGB Percent	73%, 23%, 6%
CMY	0.2745, 0.7725, 0.9373
CMYK	0.00, 0.69, 0.91, 0.27
HSL	15°, 84%, 39%
HSV	15°, 91%, 73%
XYZ	21.6142, 13.3778, 1.9332
YIQ	91.1850, 89.1740, 13.8620

Conversions

Conversions Part 2

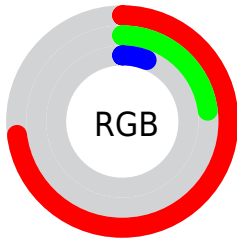
Format	Color
R_{YB}	185, 72, 16
Decimal	12139024
CIE Lab	43.33, 49.47, 50.11
CIE LCh	43, 70.417, 45.370
Yxy	13.3778, 0.5854, 0.3623
Android (android.graphics.Color)	4290329104 (0xFFB93A10)
YUV	91.1850, -37.0662, 82.2758
Hunter-Lab	36.5757, 41.4760, 22.4692

Details

The Hex color **B93A10** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **108FB9**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **F87042**, and **7B0000** is the 20% darker color. If you saturate the color by 10%, you get **B92E00**, and if you desaturate by 10%, it is **B94823**.

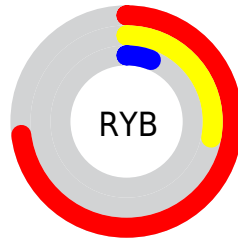
Distribution



Red (73%)

Green (23%)

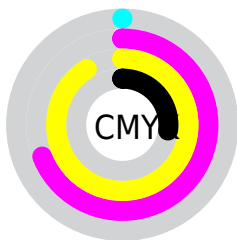
Blue (6%)



Red (73%)

Yellow (28%)

Blue (6%)

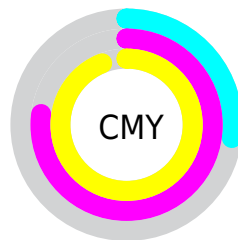


Cyan (0%)

Magenta (69%)

Yellow (91%)

Black (27%)



Cyan (27%)

Magenta (77%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color B93A10 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 B93A10 by changing the saturation by 10% instead.

 B93A10

 B93A10

FFFFFFE

 9A1C00

 F87042

 7B0000

 FF8B5A

 5D0000

 FFA774

 400001

 FFC38E

 220001

 FFE0A9

 000000

 FFFDC4

 FFFFE1

 B93A10

 B93A10

 B92E00

 B94823

 B95635

 B96447

 B9725A

 B9806D

 B98D7F

 B99B92

 B9A9A4

 B9B7B6

Harmonies

Analogous

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



CA0E4B



B93A10



945900

Triad

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



B93A10



007D47



0064D9

Complementary

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



B93A10



108FB9

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.



0076D9



B93A10



007F84

Square

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



B93A10



007800



007DB9



8C45B9

Rectangle

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



B93A10



746800



007DB9



006BDC

Sweetspot

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



B93A10



F0BFAF



B91092



785B51



F7F7F7



787878

Same Dimension

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



B93A10



F03C00



B98C10



5C5553



9C2700



1C0700

Inverse Universe

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



108FB9



00B4F0



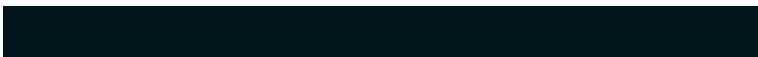
103DB9



535A5C



00759C



00151C

Previews

White Background



This preview shows how the Hex color B93A10 looks on a white background.

Color Contrast Check

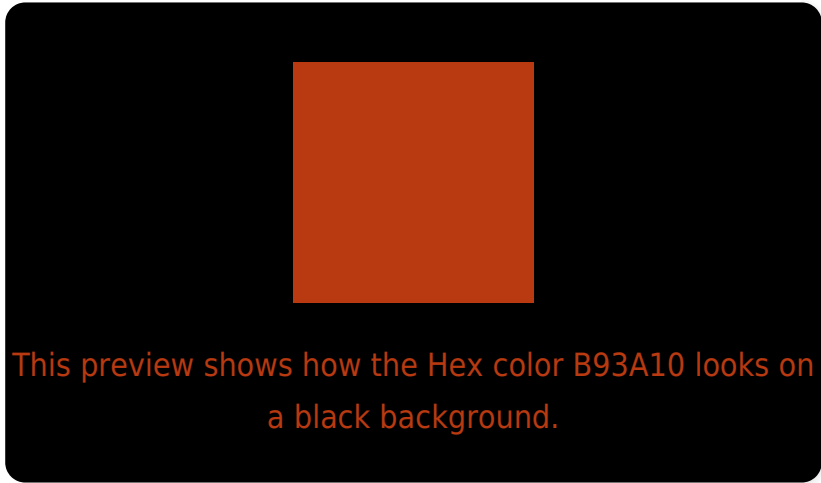
Large Text (above 18pt) WCAG AA ✓ Pass

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 B93A10 Background



This preview shows how black text looks on a background with the Hex color B93A10.



This preview shows how white text looks on a background with the Hex color B93A10.

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
B93A10

Protanopia
74671B

Deuteranopia
826200

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B93A10 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 #B93A10 looks like.

```
.text, #text, p{  
    color:#B93A10  
}
```

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 #B93A10 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B93A10
}
```

Border

The CSS property to change the border of an element to Hex B93A10 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
#B93A10 }
```

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

```
.border{ border-color:#B93A10 }
```

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

Here you see how a box with a 4 pixel #B93A10 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B93A10; -webkit-box-shadow:4px 4px  
4px 4px #B93A10; box-shadow:4px 4px 4px  
4px #B93A10 }
```

Background

The CSS property to change the background color of an element to Hex B93A10 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B93A10 }
```

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

```
.background{ background-color:#B93A10 }
```

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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