

Converting Colors

Hex(963B1C)

Have a look what the booklet for
Hex(963B1C) contains.

Hex(963B1C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(963B1C)

Conversions

Conversions Part 1

Format	Color
Hex	963B1C
RGB	150, 59, 28
RGB Percent	59%, 23%, 11%
CMY	0.4118, 0.7686, 0.8902
CMYK	0.00, 0.61, 0.81, 0.41
HSL	15°, 69%, 35%
HSV	15°, 81%, 59%
XYZ	14.3512, 9.6958, 2.2137
YIQ	82.6750, 64.1870, 9.6510

Conversions

Conversions Part 2

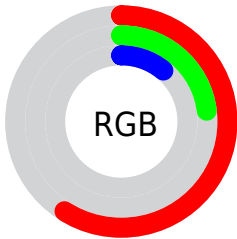
Format	Color
RYB	150, 70, 28
Decimal	9845532
CIELab	37.29, 36.55, 37.29
CIELCh	37, 52.216, 45.580
Yxy	9.6958, 0.5465, 0.3692
Android (android.graphics.Color)	4288035612 (0xFF963B1C)
YUV	82.6750, -26.9548, 59.0440
Hunter-Lab	31.1381, 27.7773, 17.5816

Details

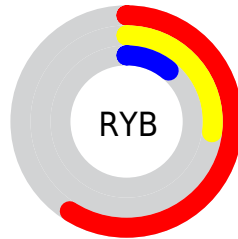
The Hex color **963B1C** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **1C7796**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **D26E4A**, and **5C0400** is the 20% darker color. If you saturate the color by 10%, you get **96300D**, and if you desaturate by 10%, it is **96462B**.

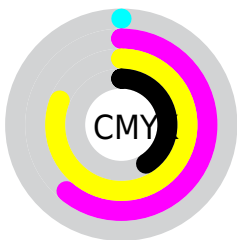
Distribution



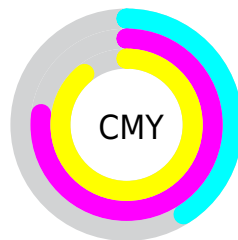
- Red (59%)
- Green (23%)
- Blue (11%)



- Red (59%)
- Yellow (27%)
- Blue (11%)



- Cyan (0%)
- Magenta (61%)
- Yellow (81%)
- Black (41%)



- Cyan (41%)
- Magenta (77%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 963B1C 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 963B1C by changing the saturation by 10% instead.

 963B1C

 963B1C

FFFFFF

 792204

 D26E4A

 5C0400

 F08863

 400000

 FFA37C

 260001

 FFBE96

 000000

 FFDAB1

 FFF7CD

 FFFFE9

 963B1C

 963B1C

 96300D

 96462B

 962600

 96513A

 965D49

 966858

 967367

 967E76

 968985

 969594

 96A0A3

Harmonies

Analogous

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



A22A44



963B1C



7B4E00

Triad

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



963B1C



006941



1E55AA

Complementary

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



963B1C



1C7796

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.



0062AA



963B1C



006B6D

Square

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



963B1C



216515



006993



744193

Rectangle

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



963B1C



635800



006993



005AAC

Sweetspot

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



963B1C



C29F93



961C78



614C45



E0E0E0



616161

Same Dimension

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



963B1C



C23404



96781C



4A4443



8A2300



0A0300

Inverse Universe

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



1C7796



0492C2



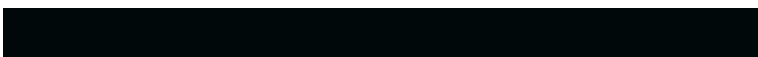
1C3B96



43484A



00678A



00080A

Previews

White Background



This preview shows how the Hex color 963B1C looks on a white background.

Color Contrast Check

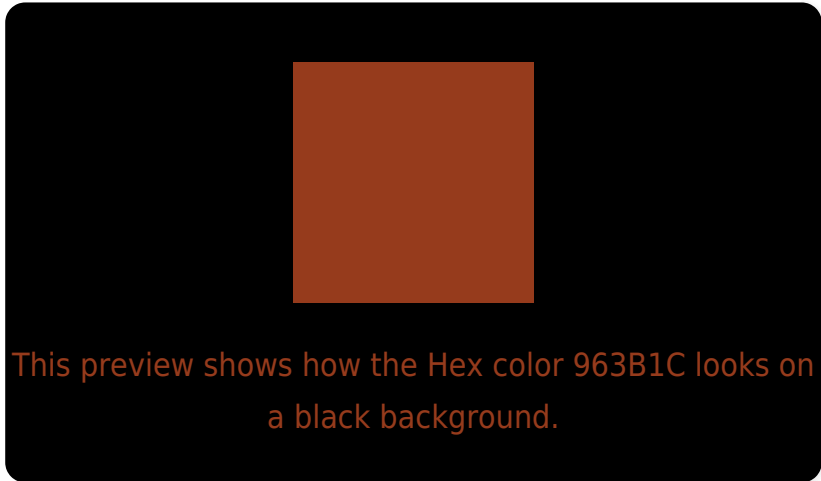
Large Text (above 18pt) WCAG AA ✓ Pass

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 963B1C Background



This preview shows how black text looks on a background with the Hex color 963B1C.



This preview shows how white text looks on a background with the Hex color 963B1C.

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
963B1C

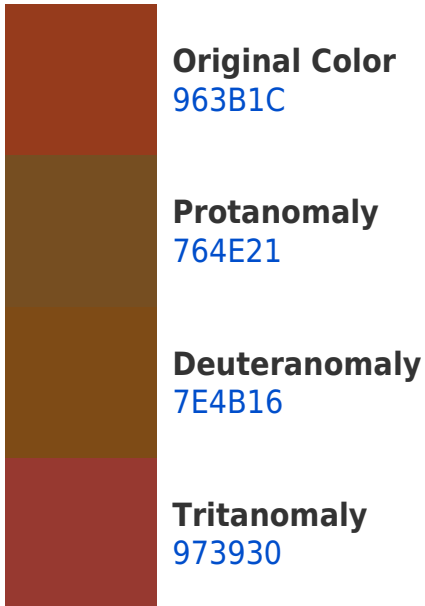
Protanopia
635924

Deuteranopia
705413



Tritanopia
97383B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 963B1C 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 #963B1C looks like.

```
.text, #text, p{  
    color:#963B1C  
}
```

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 #963B1C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #963B1C
}
```

Border

The CSS property to change the border of an element to Hex 963B1C is called "border". The border property can be set on classes, ids or directly on the HTML element.

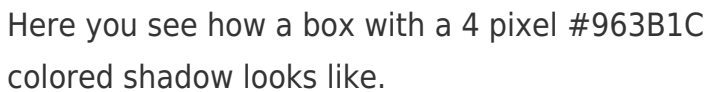
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#963B1C }
```

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

```
.border{ border-color:#963B1C }
```

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



Here you see how a box with a 4 pixel #963B1C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #963B1C; -webkit-box-shadow:4px 4px  
4px 4px #963B1C; box-shadow:4px 4px 4px  
4px #963B1C }
```

Background

The CSS property to change the background color of an element to Hex 963B1C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#963B1C }
```

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

```
.background{ background-color:#963B1C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor