

Converting Colors

Hex(91701B)

Have a look what the booklet for
Hex(91701B) contains.

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Color

Hex(91701B)

Conversions

Conversions Part 1

Format	Color
Hex	91701B
RGB	145, 112, 27
RGB Percent	57%, 44%, 11%
CMY	0.4314, 0.5608, 0.8941
CMYK	0.00, 0.23, 0.81, 0.43
HSL	43°, 69%, 34%
HSV	43°, 81%, 57%
XYZ	17.6691, 17.6872, 3.5196
YIQ	112.1770, 46.9530, -19.4390

Conversions

Conversions Part 2

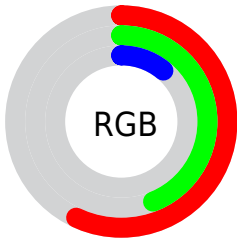
Format	Color
R_{YB}	73, 145, 27
Decimal	9531419
CIE Lab	49.11, 4.70, 48.56
CIE LCh	49, 48.783, 84.477
Yxy	17.6872, 0.4545, 0.4550
Android (android.graphics.Color)	4287721499 (0xFF91701B)
YUV	112.1770, -41.9923, 28.7858
Hunter-Lab	42.0562, 1.3949, 24.4774

Details

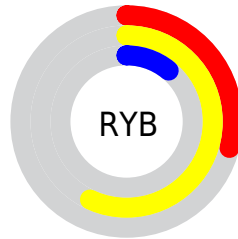
The Hex color **91701B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1B3C91**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **CAA34F**, and **5B4100** is the 20% darker color. If you saturate the color by 10%, you get **916C0C**, and if you desaturate by 10%, it is **91742A**.

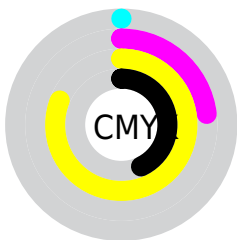
Distribution



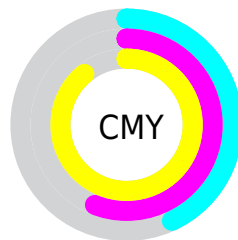
- Red (57%)
- Green (44%)
- Blue (11%)



- Red (29%)
- Yellow (57%)
- Blue (11%)



- Cyan (0%)
- Magenta (23%)
- Yellow (81%)
- Black (43%)



- Cyan (43%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91701B 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 91701B by changing the saturation by 10% instead.

 91701B

 91701B

FFFFFF

 755800

 CAA34F

 5B4100

 E8BE68

 402B00

 FFDA82

 271700

 FFF79D


 020000

 FFFFB9

 000000

 FFFFD5

 FFFFF2

 91701B

 91701B

■ 916C0C

■ 91742A

■ 916800

■ 917838

■ 917C46

■ 918055

■ 918463

■ 918872

■ 918C81

■ 91908F

■ 91949E

Harmonies

Analogous

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



AF6032



91701B



697D22

Triad

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



91701B



008896



A05BA5

Complementary

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



91701B



1B3C91

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.



686DC0



91701B



0085B7

Square

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



91701B



00886B



007CC7



BB4F7E

Rectangle

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



91701B



488236



007CC7



9161B0

Sweetspot

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



91701B



BDB08F



911B3C



5E5743



DEDEDE



5E5E5E

Same Dimension

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



91701B



BD8904



77911B



474540



876100



080600

Inverse Universe

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



1B3C91



0437BD



351B91



404247



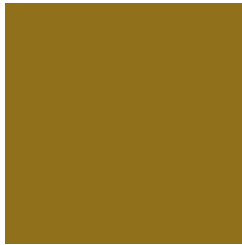
002687



000208

Previews

White Background



This preview shows how the Hex color 91701B looks on a white background.

Color Contrast Check

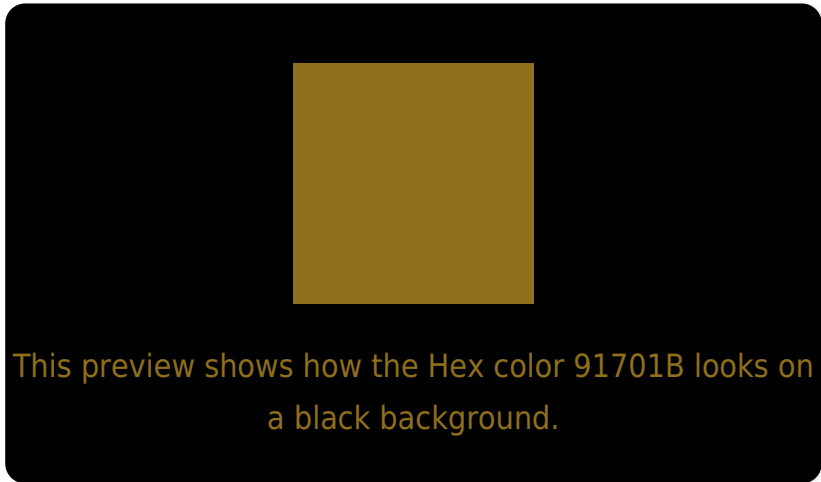
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 91701B Background



This preview shows how black text looks on a background with the Hex color 91701B.



This preview shows how white text looks on a background with the Hex color 91701B.

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
91701B

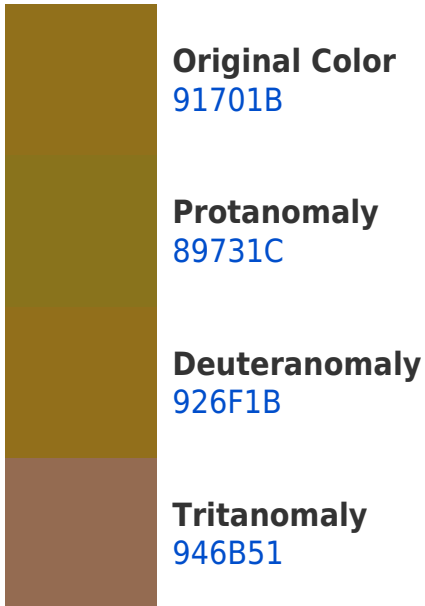
Protanopia
84751C

Deuteranopia
936F1B

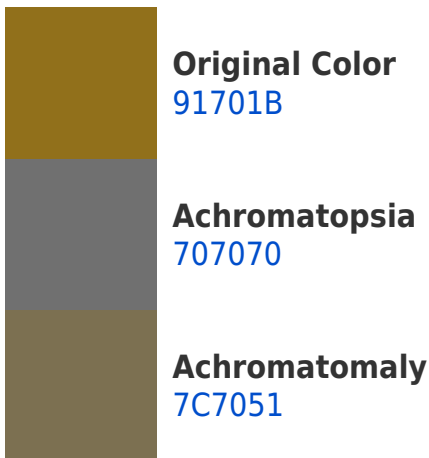


Tritanopia
966870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 91701B 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 #91701B looks like.

```
.text, #text, p{  
    color:#91701B  
}
```

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 #91701B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91701B
}
```

Border

The CSS property to change the border of an element to Hex 91701B 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
#91701B }
```

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

```
.border{ border-color:#91701B }
```

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

Here you see how a box with a 4 pixel #91701B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91701B; -webkit-box-shadow:4px 4px  
4px 4px #91701B; box-shadow:4px 4px 4px  
4px #91701B }
```

Background

The CSS property to change the background color of an element to Hex 91701B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91701B }
```

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

```
.background{ background-color:#91701B }
```

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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