

Converting Colors

Hex(902B12)

Have a look what the booklet for
Hex(902B12) contains.

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Color

Hex(902B12)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 902B12 |
| RGB | 144, 43, 18 |
| RGB Percent | 56%, 17%, 7% |
| CMY | 0.4353, 0.8314, 0.9294 |
| CMYK | 0.00, 0.70, 0.88, 0.44 |
| HSL | 12°, 78%, 32% |
| HSV | 12°, 88%, 56% |
| XYZ | 12.4747, 7.7007, 1.4012 |
| YIQ | 70.3490, 68.2210, 13.6370 |

Conversions

Conversions Part 2

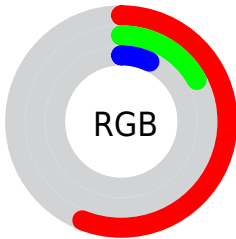
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 144, 49, 18 |
| Decimal | 9448210 |
| CIE _{Lab} | 33.35, 41.37, 38.22 |
| CIE _{LCh} | 33, 56.327, 42.731 |
| Yxy | 7.7007, 0.5782, 0.3569 |
| Android (android.graphics.Color) | 4287638290 (0xFF902B12) |
| YUV | 70.3490, -25.8081, 64.5919 |
| Hunter-Lab | 27.7502, 31.6791, 16.4314 |

Details

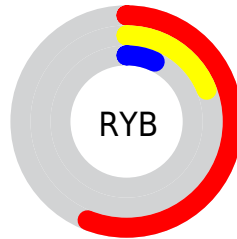
The Hex color **902B12** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **127790**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **CC5F40**, and **550000** is the 20% darker color. If you saturate the color by 10%, you get **901F04**, and if you desaturate by 10%, it is **903720**.

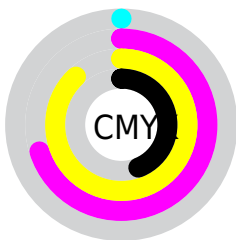
Distribution



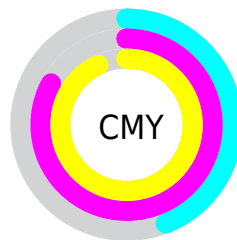
- Red (56%)
- Green (17%)
- Blue (7%)



- Red (56%)
- Yellow (19%)
- Blue (7%)



- Cyan (0%)
- Magenta (70%)
- Yellow (88%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 902B12 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 902B12 by changing the saturation by 10% instead.

 902B12

 902B12

 FFFFF9

 730D00

 CC5F40

 550000

 EB7957

 3A0000

 FF9470

 1A0001

 FFAF8A

 000000

 FFCBA5

 FFE8C0

 FFFFDC

 902B12

 902B12

■ 901F04

■ 903720

■ 901D00

■ 90422F

■ 904E3D

■ 90594C

■ 90655A

■ 907068

■ 907C77

■ 908785

■ 909394

Harmonies

Analogous

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



9B103E



902B12



754300

Triad

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



902B12



006032



004EA7

Complementary

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



902B12



127790

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.



005BA4



902B12



006161

Square

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



902B12



145B00



00608A



663891

Rectangle

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



902B12



5D4E00



00608A



0053A9

Sweetspot

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



902B12



BA938A



901279



5E4741



DEDEDE



5E5E5E

Same Dimension

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



902B12



BA2500



906812



474240



871B00



080200

Inverse Universe

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



127790



0095BA



123A90



404647



006C87



000608

Previews

White Background



This preview shows how the Hex color 902B12 looks on a white background.

Color Contrast Check

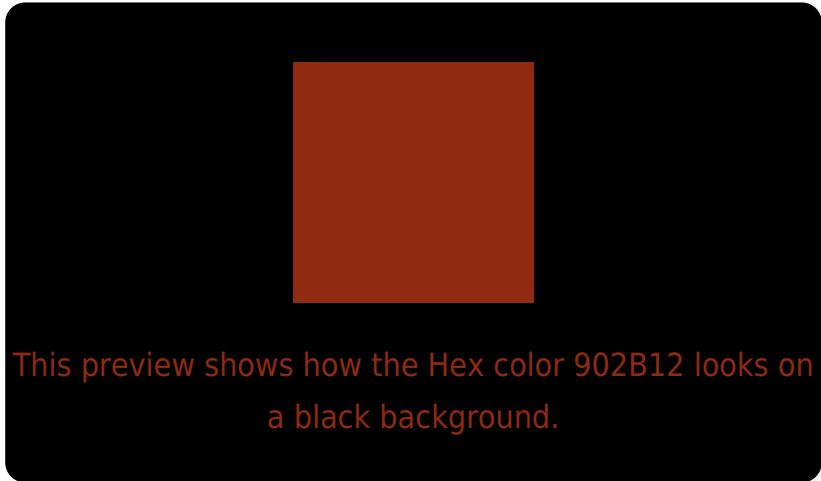
Large Text (above 18pt) WCAG AA ✓ Pass

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 902B12 Background



This preview shows how black text looks on a background with the Hex color 902B12.



This preview shows how white text looks on a background with the Hex color 902B12.

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

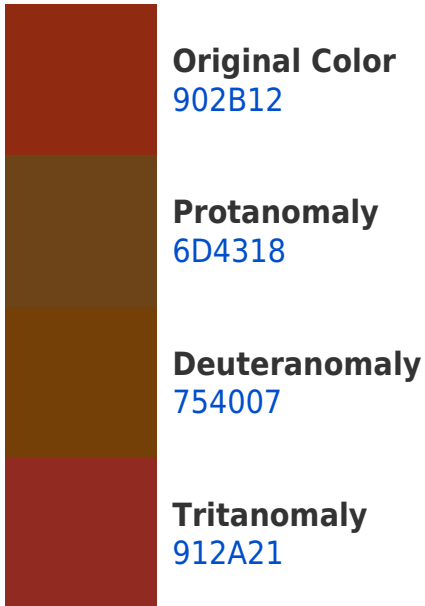


Original Color
902B12

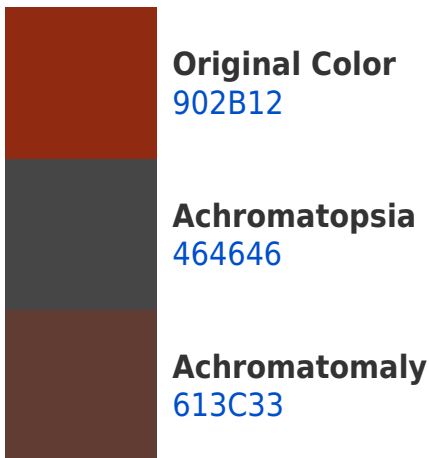
Protanopia
59501B

Deuteranopia
654C00

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 902B12 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 #902B12 looks like.

```
.text, #text, p{  
    color:#902B12  
}
```

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 #902B12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902B12
}
```

Border

The CSS property to change the border of an element to Hex 902B12 is called "border". The border property can be set on classes, ids or directly on the HTML element.

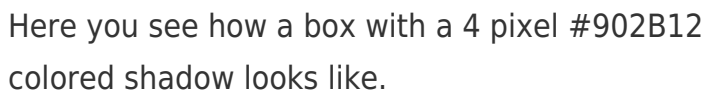
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#902B12 }
```

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

```
.border{ border-color:#902B12 }
```

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



Here you see how a box with a 4 pixel #902B12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902B12; -webkit-box-shadow:4px 4px  
4px 4px #902B12; box-shadow:4px 4px 4px  
4px #902B12 }
```

Background

The CSS property to change the background color of an element to Hex 902B12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902B12 }
```

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

```
.background{ background-color:#902B12 }
```

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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