

Converting Colors

Hex(90472B)

Have a look what the booklet for
Hex(90472B) contains.

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Color

Hex(90472B)

Conversions

Conversions Part 1

Format	Color
Hex	90472B
RGB	144, 71, 43
RGB Percent	56%, 28%, 17%
CMY	0.4353, 0.7216, 0.8314
CMYK	0.00, 0.51, 0.70, 0.44
HSL	17°, 54%, 37%
HSV	17°, 70%, 56%
XYZ	14.1909, 10.6102, 3.5855
YIQ	89.6350, 52.4960, 6.7680

Conversions

Conversions Part 2

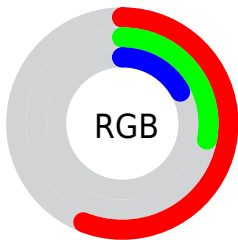
Format	Color
R_{YB}	144, 82, 43
Decimal	9455403
CIE Lab	38.92, 28.55, 30.58
CIE LCh	39, 41.831, 46.968
Yxy	10.6102, 0.4999, 0.3738
Android (android.graphics.Color)	4287645483 (0xFF90472B)
YUV	89.6350, -22.9911, 47.6781
Hunter-Lab	32.5733, 20.7621, 16.2749

Details

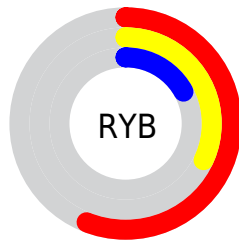
The Hex color **90472B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2B7490**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **CA795A**, and **591800** is the 20% darker color. If you saturate the color by 10%, you get **903D1D**, and if you desaturate by 10%, it is **905139**.

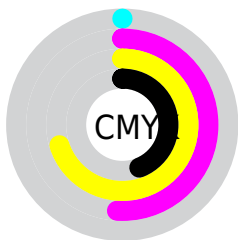
Distribution



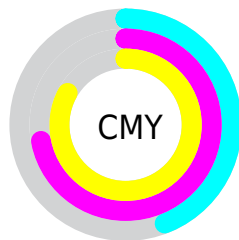
- Red (56%)
- Green (28%)
- Blue (17%)



- Red (56%)
- Yellow (32%)
- Blue (17%)



- Cyan (0%)
- Magenta (51%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (72%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90472B 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 90472B by changing the saturation by 10% instead.

 90472B

 90472B

FFFFFF

 742F15

 CA795A

 591800

 E89372

 3D0000

 FFAE8C

 250001

 FFCAA7

 000000

 FFE6C2

 FFFFDE

 FFFFFB

 90472B

 90472B

■ 903D1D

■ 905139

■ 90320E

■ 905C48

■ 902800

■ 906656

■ 907165

■ 907B73

■ 908581

■ 909090

■ 909A9E

■ 90A5AD

Harmonies

Analogous

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



9A3D4A



90472B



7A5514

Triad

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



90472B



006B4B



40599D

Complementary

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



90472B



2B7490

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.



00649E



90472B



006C6E

Square

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



90472B



33672B



006A8D



764A8A

Rectangle

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



90472B



665D10



006A8D



1F5D9F

Sweetspot

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



90472B



BA9E93



902B75



5E4D47



DEDEDE



5E5E5E

Same Dimension

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



90472B



BA491E



90782B



474240



872500



080200

Inverse Universe

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



2B7490



1E8FBA



2B4390



404547



006287



000608

Previews

White Background



This preview shows how the Hex color 90472B looks on a white background.

Color Contrast Check

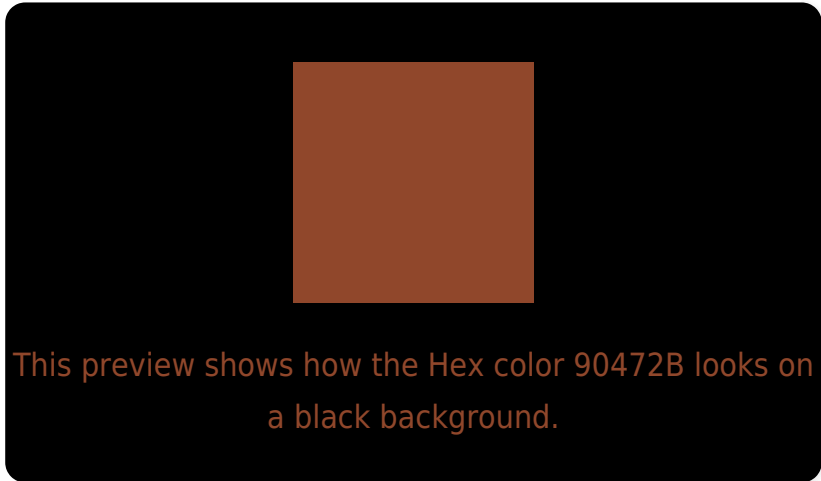
Large Text (above 18pt) WCAG AA ✓ Pass

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 90472B Background



This preview shows how black text looks on a background with the Hex color 90472B.



This preview shows how white text looks on a background with the Hex color 90472B.

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
90472B

Protanopia
665C32

Deuteranopia
735827



Tritanopia
914348

Trichromacy



Original Color
90472B

Protanomaly
75542F

Deuteranomaly
7E5228

Tritanomaly
91443D

Monochromacy



Original Color
90472B

Achromatopsia
5A5A5A

Achromatomaly
6E5349

CSS Examples

Text

The CSS property to change the color of the text to Hex 90472B 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 #90472B looks like.

```
.text, #text, p{  
    color:#90472B  
}
```

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 #90472B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90472B
}
```

Border

The CSS property to change the border of an element to Hex 90472B is called "border". The border property can be set on classes, ids or directly on the HTML element.

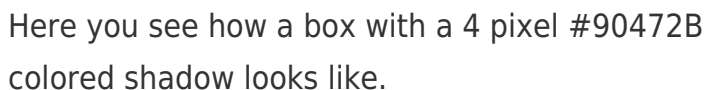
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90472B }
```

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

```
.border{ border-color:#90472B }
```

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



Here you see how a box with a 4 pixel #90472B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90472B; -webkit-box-shadow:4px 4px  
4px 4px #90472B; box-shadow:4px 4px 4px  
4px #90472B }
```

Background

The CSS property to change the background color of an element to Hex 90472B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90472B }
```

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

```
.background{ background-color:#90472B }
```

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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