

Converting Colors

Hex(962A2B)

Have a look what the booklet for
Hex(962A2B) contains.

Hex(962A2B)	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(962A2B)

Conversions

Conversions Part 1

Format	Color
Hex	962A2B
RGB	150, 42, 43
RGB Percent	59%, 16%, 17%
CMY	0.4118, 0.8353, 0.8314
CMYK	0.00, 0.72, 0.71, 0.41
HSL	359°, 56%, 38%
HSV	359°, 72%, 59%
XYZ	13.8417, 8.3144, 3.1608
YIQ	74.4060, 64.0470, 23.2070

Conversions

Conversions Part 2

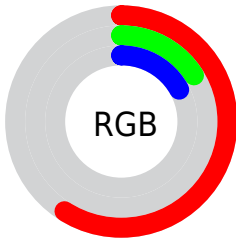
Format	Color
R _{YB}	150, 42, 43
Decimal	9841195
CIE Lab	34.63, 44.83, 25.82
CIE LCh	35, 51.736, 29.945
Yxy	8.3144, 0.5467, 0.3284
Android (android.graphics.Color)	4288031275 (0xFF962A2B)
YUV	74.4060, -15.4832, 66.2959
Hunter-Lab	28.8347, 35.2258, 13.6850

Details

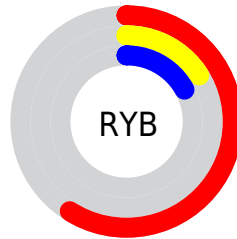
The Hex color **962A2B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2A9695**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **D25F59**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **961B1C**, and if you desaturate by 10%, it is **96393A**.

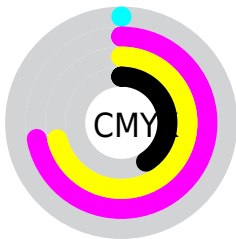
Distribution



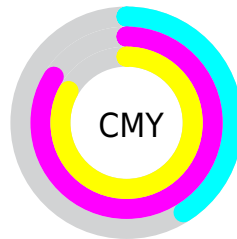
- Red (59%)
- Green (16%)
- Blue (17%)



- Red (59%)
- Yellow (16%)
- Blue (17%)



- Cyan (0%)
- Magenta (72%)
- Yellow (71%)
- Black (41%)



- Cyan (41%)
- Magenta (84%)
- Yellow (83%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 962A2B 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 962A2B by changing the saturation by 10% instead.

 962A2B

 962A2B

FFFFFF

 790916

 D25F59

 5C0000

 F07A71

 400000

 FF958B

 230001

 FFB0A5

 000000

 FFCCC0

 FFE9DC

 FFFFF9

 962A2B

 962A2B

■ 961B1C

■ 96393A

■ 960C0D

■ 964849

■ 960001

■ 965758

■ 966666

■ 967575

■ 968484

■ 969393

■ 96A2A2

■ 96B1B1

Harmonies

Analogous

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



982053



962A2B



833F01

Triad

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



962A2B



006125



0057A5

Complementary

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



962A2B



2A9695

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.



006099



962A2B



006350

Square

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



962A2B



3A5B00



00637A



4D469A

Rectangle

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



962A2B



6F4B00



00637A



005BA3

Sweetspot

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



962A2B



C29798



942A96



614848



E0E0E0



616161

Same Dimension

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



962A2B



C21B1D



965E2A



4A4343



8A0001



0A0000

Inverse Universe

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



962A2B



C21B1D



2A6296



4A4343



8A0001



0A0000

Previews

White Background



This preview shows how the Hex color 962A2B looks on a white background.

Color Contrast Check

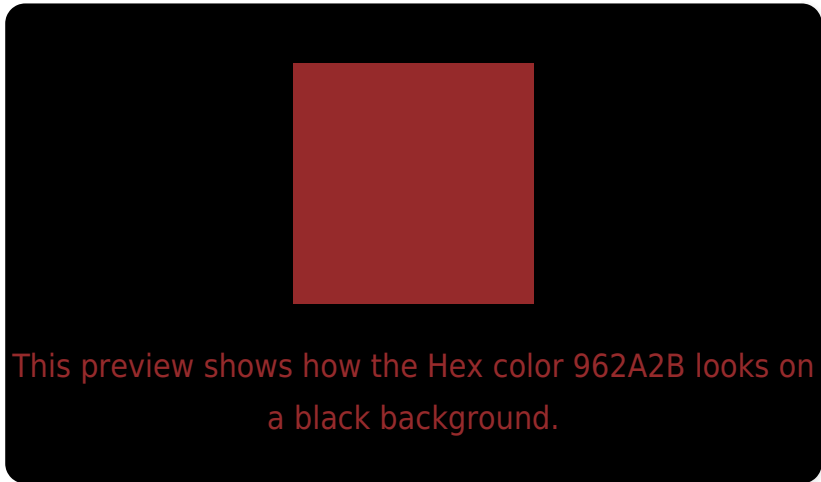
Large Text (above 18pt) WCAG AA ✓ Pass

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 962A2B Background



This preview shows how black text looks on a background with the Hex color 962A2B.



This preview shows how white text looks on a background with the Hex color 962A2B.

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
962A2B

Protanopia
595339

Deuteranopia
664F25

Trichromacy



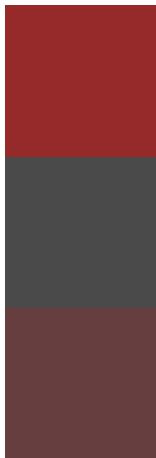
Original Color
962A2B

Protanomaly
6F4434

Deuteranomaly
774227

Tritanomaly
962A2C

Monochromacy



Original Color
962A2B

Achromatopsia
4A4A4A

Achromatomaly
663E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 962A2B 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 #962A2B looks like.

```
.text, #text, p{  
    color:#962A2B  
}
```

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 #962A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #962A2B
}
```

Border

The CSS property to change the border of an element to Hex 962A2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

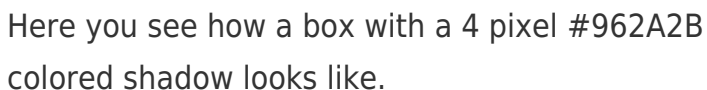
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#962A2B }
```

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

```
.border{ border-color:#962A2B }
```

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



Here you see how a box with a 4 pixel #962A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #962A2B; -webkit-box-shadow:4px 4px  
4px 4px #962A2B; box-shadow:4px 4px 4px  
4px #962A2B }
```

Background

The CSS property to change the background color of an element to Hex 962A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#962A2B }
```

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

```
.background{ background-color:#962A2B }
```

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