

Converting Colors

Hex(933121)

Have a look what the booklet for
Hex(933121) contains.

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Color

Hex(933121)

Conversions

Conversions Part 1

Format	Color
Hex	933121
RGB	147, 49, 33
RGB Percent	58%, 19%, 13%
CMY	0.4235, 0.8078, 0.8706
CMYK	0.00, 0.67, 0.78, 0.42
HSL	8°, 63%, 35%
HSV	8°, 78%, 58%
XYZ	13.4054, 8.5095, 2.3748
YIQ	76.4780, 63.5440, 15.8000

Conversions

Conversions Part 2

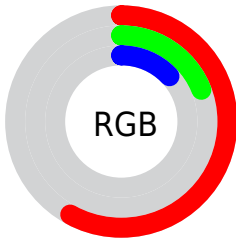
Format	Color
R_{YB}	147, 52, 33
Decimal	9646369
CIE _{Lab}	35.02, 40.34, 32.09
CIE _{LCh}	35, 51.549, 38.500
Yxy	8.5095, 0.5519, 0.3503
Android (android.graphics.Color)	4287836449 (0xFF933121)
YUV	76.4780, -21.4347, 61.8478
Hunter-Lab	29.1710, 30.9799, 15.5929

Details

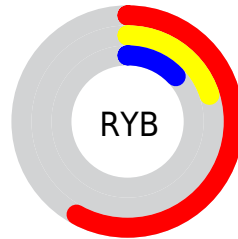
The Hex color **933121** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **218393**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **CF644E**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **932412**, and if you desaturate by 10%, it is **933E30**.

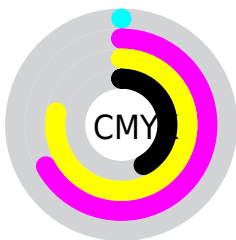
Distribution



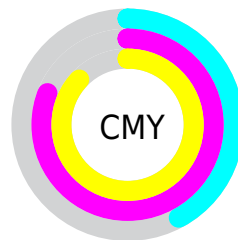
- Red (58%)
- Green (19%)
- Blue (13%)



- Red (58%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (78%)
- Black (42%)



- Cyan (42%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 933121 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 933121 by changing the saturation by 10% instead.

 933121

 933121

FFFFFF

 76160B

 CF644E

 590000

 ED7F67

 3D0000

 FF9980

 210001

 FFB59A

 000000

 FFD1B5

 FFEED1

 FFFFED

 933121

 933121

■ 932412

■ 933E30

■ 931804

■ 934A3E

■ 931500

■ 93574D

■ 93645C

■ 93706A

■ 937D79

■ 938988

■ 939697

■ 93A3A5

Harmonies

Analogous

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



9A2248



933121



7C4500

Triad

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



933121



006332



0054A4

Complementary

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



933121



218393

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.



005F9F



933121



00655D

Square

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



933121



2C5E03



006485



614193

Rectangle

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



933121



665000



006485



0058A5

Sweetspot

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



933121



BF9993



932184



614A46



E0E0E0



616161

Same Dimension

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



933121



BF260D



936921



4A4443



8A1300



0A0100

Inverse Universe

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



218393



0DA6BF



214B93



43494A



00768A



00090A

Previews

White Background



This preview shows how the Hex color 933121 looks on a white background.

Color Contrast Check

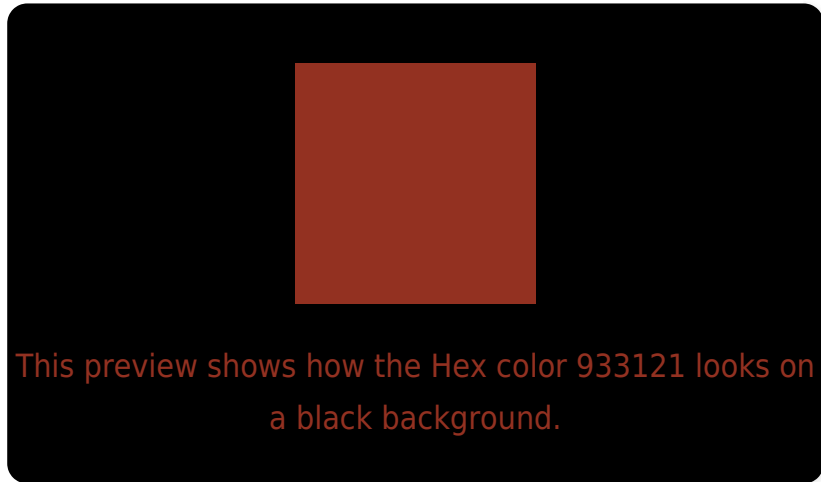
Large Text (above 18pt) WCAG AA ✓ Pass

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 933121 Background



This preview shows how black text looks on a background with the Hex color 933121.

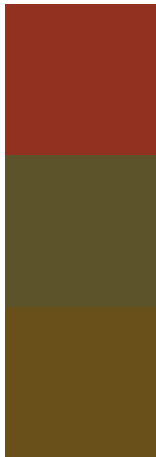


This preview shows how white text looks on a background with the Hex color 933121.

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
933121

Protanopia
5C532B

Deuteranopia
694F1A



Tritanopia
942F31

Trichromacy



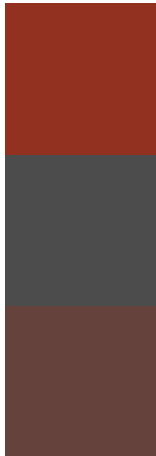
Original Color
933121

Protanomaly
704727

Deuteranomaly
78441D

Tritanomaly
94302B

Monochromacy



Original Color
933121

Achromatopsia
4C4C4C

Achromatomaly
66423C

CSS Examples

Text

The CSS property to change the color of the text to Hex 933121 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 #933121 looks like.

```
.text, #text, p{  
    color:#933121  
}
```

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 #933121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #933121
}
```

Border

The CSS property to change the border of an element to Hex 933121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

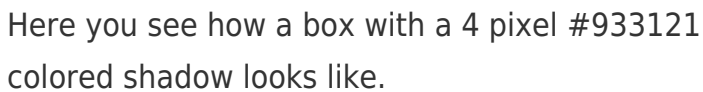
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#933121 }
```

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

```
.border{ border-color:#933121 }
```

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



Here you see how a box with a 4 pixel #933121 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #933121; -webkit-box-shadow:4px 4px  
4px 4px #933121; box-shadow:4px 4px 4px  
4px #933121 }
```

Background

The CSS property to change the background color of an element to Hex 933121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#933121 }
```

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

```
.background{ background-color:#933121 }
```

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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