

Converting Colors

Hex(934228)

Have a look what the booklet for
Hex(934228) contains.

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Color

Hex(934228)

Conversions

Conversions Part 1

Format	Color
Hex	934228
RGB	147, 66, 40
RGB Percent	58%, 26%, 16%
CMY	0.4235, 0.7412, 0.8431
CMYK	0.00, 0.55, 0.73, 0.42
HSL	15°, 57%, 37%
HSV	15°, 73%, 58%
XYZ	14.3638, 10.2527, 3.2294
YIQ	87.2550, 56.6220, 9.0860

Conversions

Conversions Part 2

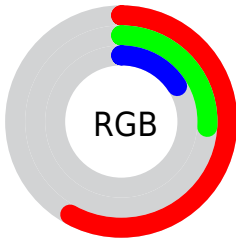
Format	Color
RYB	147, 74, 40
Decimal	9650728
CIELab	38.29, 32.31, 31.70
CIElCh	38, 45.262, 44.454
Yxy	10.2527, 0.5158, 0.3682
Android (android.graphics.Color)	4287840808 (0xFF934228)
YUV	87.2550, -23.2967, 52.3964
Hunter-Lab	32.0198, 24.0391, 16.4341

Details

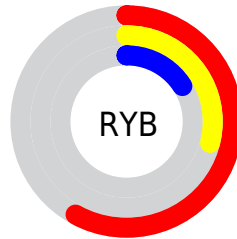
The Hex color **934228** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **287993**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **CE7456**, and **5B1100** is the 20% darker color. If you saturate the color by 10%, you get **933719**, and if you desaturate by 10%, it is **934D37**.

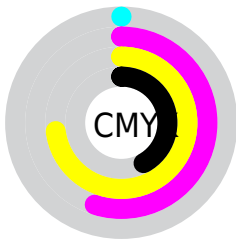
Distribution



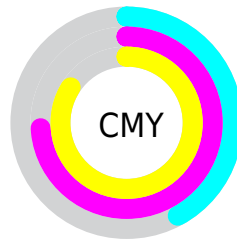
- Red (58%)
- Green (26%)
- Blue (16%)



- Red (58%)
- Yellow (29%)
- Blue (16%)



- Cyan (0%)
- Magenta (55%)
- Yellow (73%)
- Black (42%)



- Cyan (42%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 934228 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 934228 by changing the saturation by 10% instead.

 934228

 934228

FFFFFF

 762A12

 CE7456

 5B1100

 EC8E6F

 3F0000

 FFA989

 260001

 FFC5A3

 000000

 FFE1BE

 FFFEDA

 FFFFF7

 934228

 934228

■ 933719

■ 934D37

■ 932C0B

■ 935845

■ 932400

■ 936354

■ 936F63

■ 937A71

■ 938580

■ 93908F

■ 939B9E

■ 93A6AC

Harmonies

Analogous

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



9C364A



934228



7C510B

Triad

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



934228



006A45



3058A1

Complementary

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



934228



287993

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.



0064A1



934228



006B6B

Square

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



934228



316622



006A8D



72488F

Rectangle

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



934228



675A02



006A8D



005DA4

Sweetspot

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



934228



BF9F95



93287A



614E48



E0E0E0



616161

Same Dimension

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



934228



BF4119



937628



4A4443



8A2100



0A0200

Inverse Universe

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



287993



1997BF



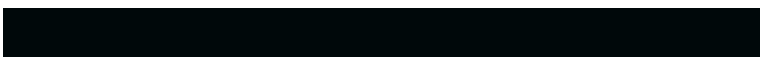
284593



43484A



00688A



00080A

Previews

White Background



This preview shows how the Hex color 934228 looks on a white background.

Color Contrast Check

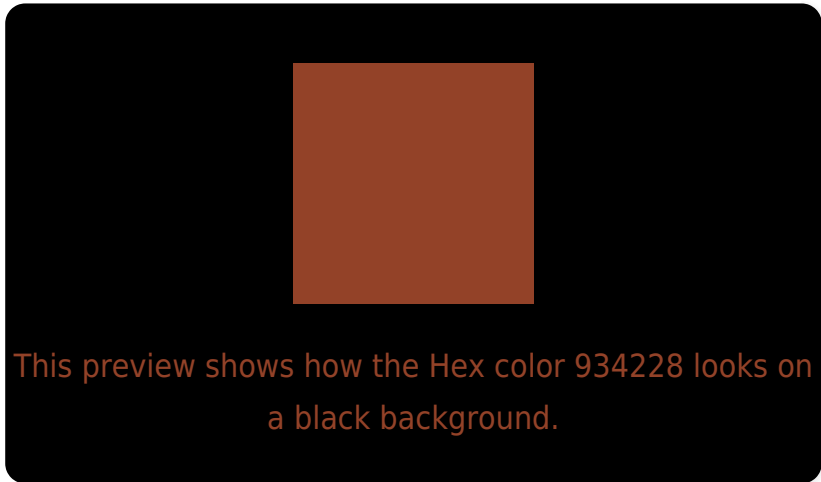
Large Text (above 18pt) WCAG AA ✓ Pass

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 934228 Background



This preview shows how black text looks on a background with the Hex color 934228.



This preview shows how white text looks on a background with the Hex color 934228.

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

934228

Protanopia

645B30

Deuteranopia

715623



Tritanopia
943F43

Trichromacy



Original Color
934228

Protanomaly
75522D

Deuteranomaly
7D4F25

Tritanomaly
944039

Monochromacy



Original Color
934228

Achromatopsia
575757

Achromatomaly
6D4F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 934228 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 #934228 looks like.

```
.text, #text, p{  
    color:#934228  
}
```

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 #934228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #934228
}
```

Border

The CSS property to change the border of an element to Hex 934228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

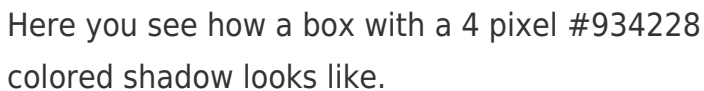
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#934228 }
```

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

```
.border{ border-color:#934228 }
```

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



Here you see how a box with a 4 pixel #934228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #934228; -webkit-box-shadow:4px 4px  
4px 4px #934228; box-shadow:4px 4px 4px  
4px #934228 }
```

Background

The CSS property to change the background color of an element to Hex 934228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#934228 }
```

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

```
.background{ background-color:#934228 }
```

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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