

Converting Colors

Hex(934C20)

Have a look what the booklet for
Hex(934C20) contains.

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Color

Hex(934C20)

Conversions

Conversions Part 1

Format	Color
Hex	934C20
RGB	147, 76, 32
RGB Percent	58%, 30%, 13%
CMY	0.4235, 0.7020, 0.8745
CMYK	0.00, 0.48, 0.78, 0.42
HSL	23°, 64%, 35%
HSV	23°, 78%, 58%
XYZ	14.8778, 11.4762, 2.7975
YIQ	92.2130, 56.4400, 1.3680

Conversions

Conversions Part 2

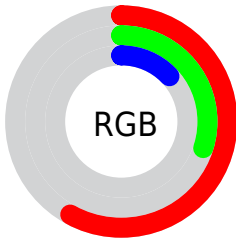
Format	Color
R_{YB}	147, 103, 32
Decimal	9653280
CIE _{Lab}	40.37, 26.49, 38.18
CIE _{LCh}	40, 46.464, 55.248
Yxy	11.4762, 0.5104, 0.3937
Android (android.graphics.Color)	4287843360 (0xFF934C20)
YUV	92.2130, -29.6850, 48.0482
Hunter-Lab	33.8766, 19.1090, 18.8175

Details

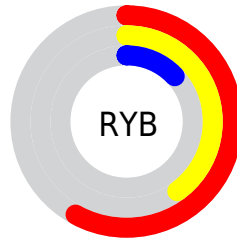
The Hex color **934C20** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **206793**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **CE7E4F**, and **5B1D00** is the 20% darker color. If you saturate the color by 10%, you get **934311**, and if you desaturate by 10%, it is **93552F**.

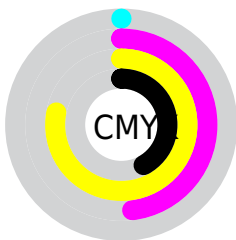
Distribution



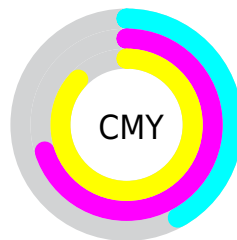
- Red (58%)
- Green (30%)
- Blue (13%)



- Red (58%)
- Yellow (40%)
- Blue (13%)



- Cyan (0%)
- Magenta (48%)
- Yellow (78%)
- Black (42%)



- Cyan (42%)
- Magenta (70%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 934C20 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 934C20 by changing the saturation by 10% instead.

 934C20

 934C20

FFFFFF

 763408

 CE7E4F

 5B1D00

 EC9868

 3F0600

 FFB381

 280001

 FFCF9C

 000000

 FFEBB7

 FFFFD3

 FFFFEF

 934C20

 934C20

■ 934311

■ 93552F

■ 933A03

■ 935E3D

■ 933800

■ 93674C

■ 93705B

■ 93796A

■ 938278

■ 938C87

■ 939596

■ 939EA4

Harmonies

Analogous

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



A23D41



934C20



775B06

Triad

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



934C20



007158



5458A4

Complementary

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



934C20



206793

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.



0065AB



934C20



00717F

Square

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



934C20



1B6D31



006E9D



87478B

Rectangle

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



934C20



606308



006E9D



375DA9

Sweetspot

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



934C20



BFA493



932069



615046



E0E0E0



616161

Same Dimension

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



934C20



BF500B



938420



4A4543



8A3500



0A0400

Inverse Universe

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



206793



0B7ABF



202F93



43474A



00558A



00060A

Previews

White Background



This preview shows how the Hex color 934C20 looks on a white background.

Color Contrast Check

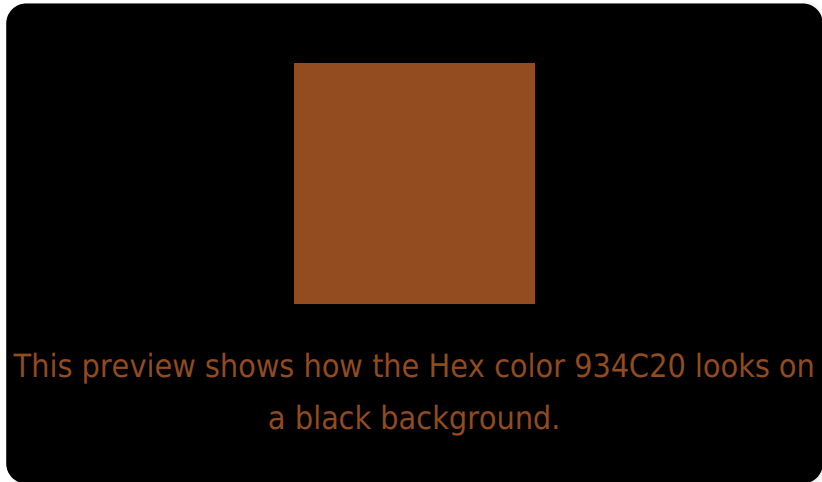
Large Text (above 18pt) WCAG AA ✓ Pass

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

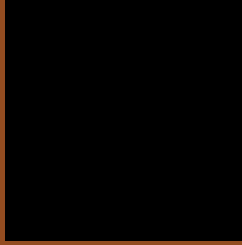
Any Text WCAG AA × Fail

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 934C20 Background



This preview shows how black text looks on a background with the Hex color 934C20.



This preview shows how white text looks on a background with the Hex color 934C20.

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
934C20

Protanopia
6B6025

Deuteranopia
785B1B



Tritanopia
95474C

Trichromacy



Original Color
934C20

Protanomaly
7A5923

Deuteranomaly
82561D

Tritanomaly
94493C

Monochromacy



Original Color
934C20

Achromatopsia
5C5C5C

Achromatomaly
705646

CSS Examples

Text

The CSS property to change the color of the text to Hex 934C20 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 #934C20 looks like.

```
.text, #text, p{  
    color:#934C20  
}
```

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 #934C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #934C20  
}
```

Border

The CSS property to change the border of an element to Hex 934C20 is called "border". The border property can be set on classes, ids or directly on the HTML element.

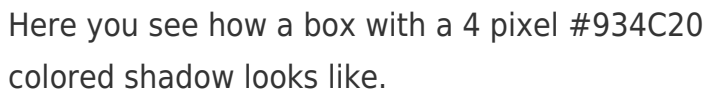
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#934C20 }
```

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

```
.border{ border-color:#934C20 }
```

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



Here you see how a box with a 4 pixel #934C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #934C20; -webkit-box-shadow:4px 4px  
4px 4px #934C20; box-shadow:4px 4px 4px  
4px #934C20 }
```

Background

The CSS property to change the background color of an element to Hex 934C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#934C20 }
```

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

```
.background{ background-color:#934C20 }
```

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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