

Converting Colors

Hex(921333)

Have a look what the booklet for
Hex(921333) contains.

Hex(921333)	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(921333)

Conversions

Conversions Part 1

Format	Color
Hex	921333
RGB	146, 19, 51
RGB Percent	57%, 7%, 20%
CMY	0.4275, 0.9255, 0.8000
CMYK	0.00, 0.87, 0.65, 0.43
HSL	345°, 77%, 32%
HSV	345°, 87%, 57%
XYZ	12.6845, 6.8158, 3.7790
YIQ	60.6210, 65.4200, 36.8760

Conversions

Conversions Part 2

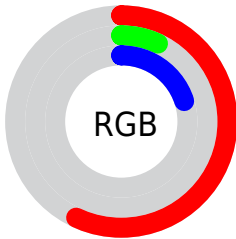
Format	Color
R_{YB}	146, 19, 51
Decimal	9573171
CIE Lab	31.38, 51.27, 16.46
CIE LCh	31, 53.850, 17.796
Yxy	6.8158, 0.5449, 0.2928
Android (android.graphics.Color)	4287763251 (0xFF921333)
YUV	60.6210, -4.7432, 74.8774
Hunter-Lab	26.1070, 41.0396, 9.6927

Details

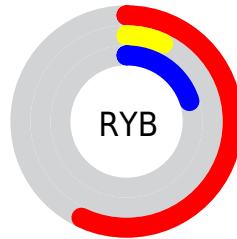
The Hex color **921333** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **139272**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **CE5061**, and **580006** is the 20% darker color. If you saturate the color by 10%, you get **920428**, and if you desaturate by 10%, it is **92223E**.

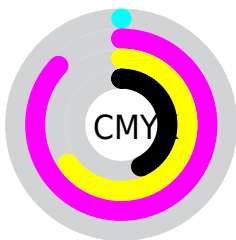
Distribution



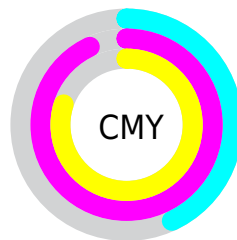
- Red (57%)
- Green (7%)
- Blue (20%)



- Red (57%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (65%)
- Black (43%)



- Cyan (43%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 921333 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 921333 by changing the saturation by 10% instead.

 921333

 921333

FFFFFF

 75001E

 CE5061

 580006

 EC6B7A

 3D0002

 FF8693

 1B0001

 FFA2AE

 000000

 FFBEC9

 FFD8E5

 FFF8FF

 921333

 921333

■ 920428

■ 92223E

■ 920025

■ 923049

■ 923F54

■ 924D5F

■ 925C6A

■ 926B75

■ 92797F

■ 92888A

■ 929695

Harmonies

Analogous

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



8B155D



921333



852D08

Triad

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



921333



005705



00549D

Complementary

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



921333



139272

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.



005A88



921333



005B37

Square

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



921333



444F00



005C63



02469B

Rectangle

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



921333



733C00



005C63



005798

Sweetspot

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



921333



BD8C98



701392



5E4148



DEDEDE



5E5E5E

Same Dimension

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



921333



BD0030



923113



4A4344



8A0023



0A0003

Inverse Universe

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



921333



BD0030



137492



4A4344



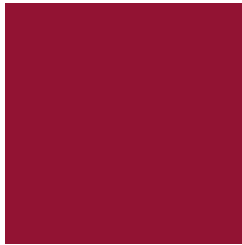
8A0023



0A0003

Previews

White Background



This preview shows how the Hex color 921333 looks on a white background.

Color Contrast Check

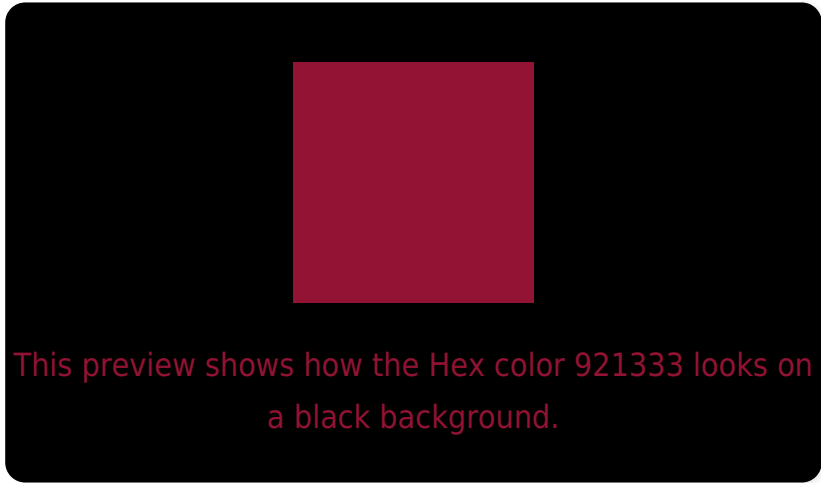
Large Text (above 18pt) WCAG AA ✓ Pass

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 921333 Background



This preview shows how black text looks on a background with the Hex color 921333.



This preview shows how white text looks on a background with the Hex color 921333.

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
921333

Protanopia
4E4C49

Deuteranopia
5C482D

Trichromacy



Original Color
921333

Protanomaly
673741

Deuteranomaly
70352F

Tritanomaly
911723

Monochromacy



Original Color
921333

Achromatopsia
3D3D3D

Achromatomaly
5C2E39

CSS Examples

Text

The CSS property to change the color of the text to Hex 921333 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 #921333 looks like.

```
.text, #text, p{  
    color:#921333  
}
```

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 #921333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #921333
}
```

Border

The CSS property to change the border of an element to Hex 921333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

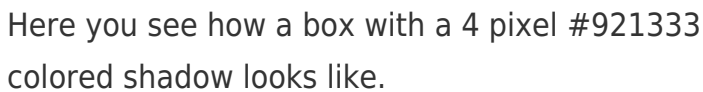
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#921333 }
```

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

```
.border{ border-color:#921333 }
```

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



Here you see how a box with a 4 pixel #921333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #921333; -webkit-box-shadow:4px 4px  
4px 4px #921333; box-shadow:4px 4px 4px  
4px #921333 }
```

Background

The CSS property to change the background color of an element to Hex 921333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#921333 }
```

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

```
.background{ background-color:#921333 }
```

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