

Converting Colors

Hex(902E00)

Have a look what the booklet for
Hex(902E00) contains.

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Color

Hex(902E00)

Conversions

Conversions Part 1

Format	Color
Hex	902E00
RGB	144, 46, 0
RGB Percent	56%, 18%, 0%
CMY	0.4353, 0.8196, 1.0000
CMYK	0.00, 0.68, 1.00, 0.44
HSL	19°, 100%, 28%
HSV	19°, 100%, 56%
XYZ	12.4786, 7.8833, 0.8639
YIQ	70.0580, 73.1740, 6.4700

Conversions

Conversions Part 2

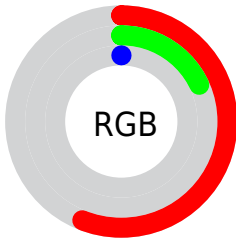
Format	Color
R_{YB}	144, 68, 0
Decimal	9448960
CIE Lab	33.74, 39.73, 45.81
CIE LCh	34, 60.643, 49.065
Yxy	7.8833, 0.5879, 0.3714
Android (android.graphics.Color)	4287639040 (0xFF902E00)
YUV	70.0580, -34.5386, 64.8471
Hunter-Lab	28.0772, 30.1973, 17.8297

Details

The Hex color **902E00** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006290**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **CD6132**, and **550000** is the 20% darker color. If you saturate the color by 10%, you get **902E00**, and if you desaturate by 10%, it is **90380E**.

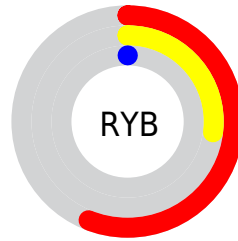
Distribution



Red (56%)

Green (18%)

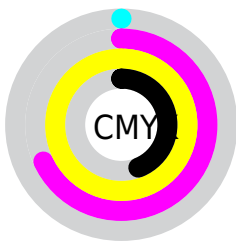
Blue (0%)



Red (56%)

Yellow (27%)

Blue (0%)

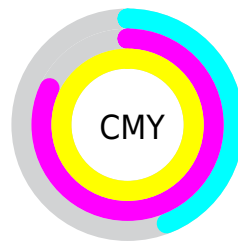


Cyan (0%)

Magenta (68%)

Yellow (100%)

Black (44%)



Cyan (44%)

Magenta (82%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 902E00 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 902E00 by changing the saturation by 10% instead.

 902E00

 902E00

 FFFFEA

 721200

 CD6132

 550000

 EC7B4A

 390000

 FF9663

 1A0001

 FFB17C

 000000

 FFCD97

 FFEAB2

 FFFFCE

 902E00

 90380E

 90421D

 904B2B

 90553A

 905F48

 906956

 907365

 907C73

 908682

Harmonies

Analogous

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



A00633



902E00



704700

Triad

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



902E00



00623B



004BAC

Complementary

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



902E00



006290

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.



005BAF



902E00



00636E

Square

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



902E00



005E00



006298



75308F

Rectangle

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



902E00



555200



006298



0051B0

Sweetspot

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



902E00



BA9482



900062



5E473C



DEDEDE



5E5E5E

Same Dimension

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



902E00



BA3B00



907600



474340



872B00



080200

Inverse Universe

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



006290



007FBA



001A90



404547



005C87



000508

Previews

White Background



This preview shows how the Hex color 902E00 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 902E00 Background



This preview shows how black text looks on a background with the Hex color 902E00.



This preview shows how white text looks on a background with the Hex color 902E00.

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
902E00

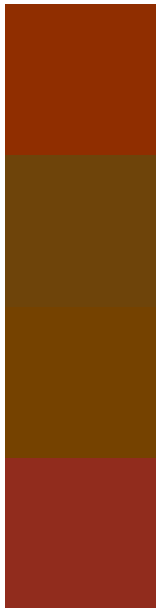
Protanopia
5B510F

Deuteranopia
664D00



Tritanopia
912B2D

Trichromacy



Original Color
902E00

Protanomaly
6E440A

Deuteranomaly
754200

Tritanomaly
912C1D

Monochromacy



Original Color
902E00

Achromatopsia
464646

Achromatomaly
613D2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 902E00 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 #902E00 looks like.

```
.text, #text, p{  
    color:#902E00  
}
```

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 #902E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #902E00
}
```

Border

The CSS property to change the border of an element to Hex 902E00 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".

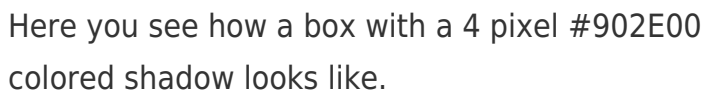
```
.border, #border, table{ border:4px solid
#902E00 }
```

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

```
.border{ border-color:#902E00 }
```

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

Here you see how a box with a 4 pixel #902E00 colored shadow looks like.

A rectangular box with a dark orange border and a dark orange shadow. The shadow is visible on the right and bottom edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #902E00; -webkit-box-shadow:4px 4px  
4px 4px #902E00; box-shadow:4px 4px 4px  
4px #902E00 }
```

Background

The CSS property to change the background color of an element to Hex 902E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#902E00 }
```

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

```
.background{ background-color:#902E00 }
```

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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