

# Converting Colors

Hex(99280A)

Have a look what the booklet for  
Hex(99280A) contains.

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**Color**

**Hex(99280A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99280A
RGB	153, 40, 10
RGB Percent	60%, 16%, 4%
CMY	0.4000, 0.8431, 0.9608
CMYK	0.00, 0.74, 0.93, 0.40
HSL	13°, 88%, 32%
HSV	13°, 93%, 60%
XYZ	13.9504, 8.3118, 1.1562
YIQ	70.3670, 76.9780, 14.6260

# Conversions

## Conversions Part 2

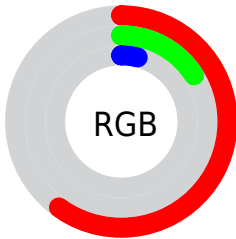
Format	Color
R <sub>Y</sub> B	153, 48, 10
Decimal	10037258
CIE Lab	34.62, 45.54, 43.32
CIE LCh	35, 62.855, 43.571
Yxy	8.3118, 0.5957, 0.3549
Android (android.graphics.Color)	4288227338 (0xFF99280A)
YUV	70.3670, -29.7609, 72.4691
Hunter-Lab	28.8302, 35.9203, 17.8033

# Details

The Hex color **99280A** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0A7B99**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D75D39**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **992000**, and if you desaturate by 10%, it is **993419**.

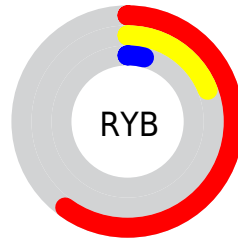
# Distribution



Red (60%)

Green (16%)

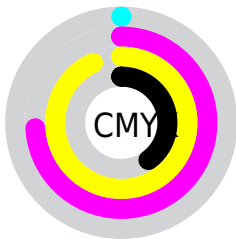
Blue (4%)



Red (60%)

Yellow (19%)

Blue (4%)

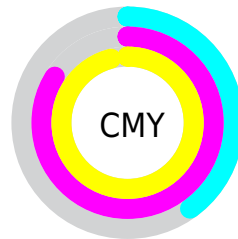


Cyan (0%)

Magenta (74%)

Yellow (93%)

Black (40%)



Cyan (40%)

Magenta (84%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99280A 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 99280A by changing the saturation by 10% instead.



 99280A

 99280A

 FFFFF2

 7B0500

 D75D39

 5D0000

 F67851

 400000

 FF936A

 240001

 FFAE84

 000000

 FFCB9E

 FFE7BA

 FFFFD6

 99280A

 99280A

■ 992000

■ 993419

■ 994029

■ 994C38

■ 995847

■ 996456

■ 997166

■ 997D75

■ 998984

■ 999594

# Harmonies

## Analogous

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



A6003D



99280A



7A4500

# Triad

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



99280A



006533



0050B4

# Complementary

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



99280A



0A7B99

# 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.



005FB3



99280A



006668

# Square

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



99280A



006000



006596



6D369B

# Rectangle

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



99280A



5F5200



006596



0057B7



# Sweetspot

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



99280A



C79B8F



990A7C



634942



E3E3E3



636363



# Same Dimension

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



99280A



C72A00



996E0A



4D4645



8C1D00



0D0300



# Inverse Universe

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



0A7B99



009DC7



0A3599



454B4D



006F8C



000A0D



# Previews

## White Background



This preview shows how the Hex color 99280A looks on a white background.

## Color Contrast Check

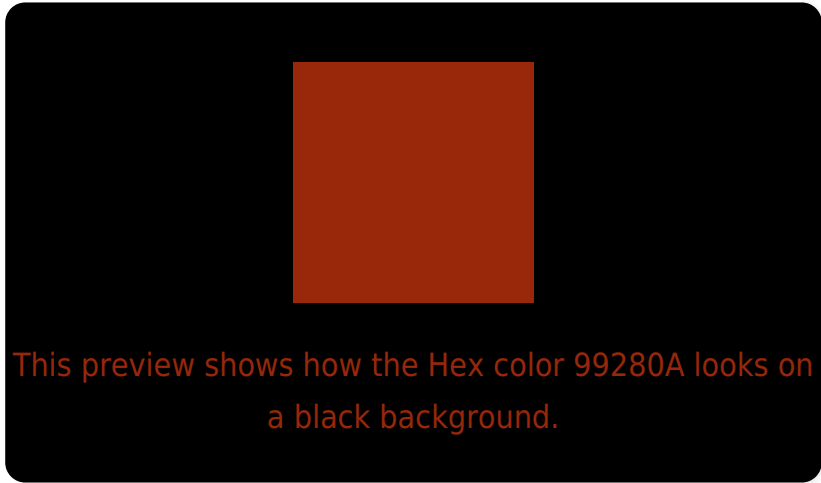
Large Text (above 18pt) WCAG AA ✓ Pass

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 99280A Background



This preview shows how black text looks on a background with the Hex color 99280A.



This preview shows how white text looks on a background with the Hex color 99280A.

# 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**  
99280A

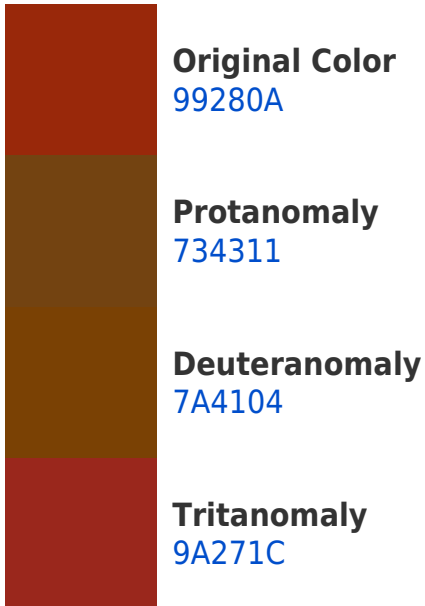
**Protanopia**  
5D5315

**Deuteranopia**  
684F00

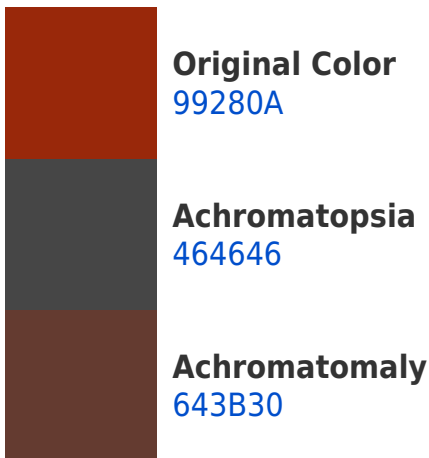


**Tritanopia**  
9A2627

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99280A 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 #99280A looks like.

```
.text, #text, p{  
    color:#99280A  
}
```

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 #99280A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99280A
}
```

## Border

The CSS property to change the border of an element to Hex 99280A 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
#99280A }
```

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

```
.border{ border-color:#99280A }
```

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

Here you see how a box with a 4 pixel #99280A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99280A; -webkit-box-shadow:4px 4px  
4px 4px #99280A; box-shadow:4px 4px 4px  
4px #99280A }
```

# Background

The CSS property to change the background color of an element to Hex 99280A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99280A }
```

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

```
.background{ background-color:#99280A }
```

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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