

# Converting Colors

Hex(9F3200)

Have a look what the booklet for  
Hex(9F3200) contains.

<b>Hex(9F3200)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(9F3200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9F3200
RGB	159, 50, 0
RGB Percent	62%, 20%, 0%
CMY	0.3765, 0.8039, 1.0000
CMYK	0.00, 0.69, 1.00, 0.38
HSL	19°, 100%, 31%
HSV	19°, 100%, 62%
XYZ	15.4387, 9.6521, 1.0493
YIQ	76.8910, 81.0140, 7.5580

# Conversions

## Conversions Part 2

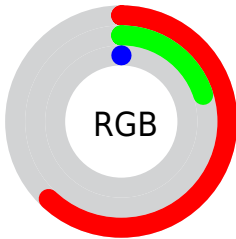
Format	Color
<a href="#">RYB</a>	159, 73, 0
Decimal	10433024
CIELab	37.21, 43.45, 49.18
CIELCh	37, 65.628, 48.538
Yxy	9.6521, 0.5906, 0.3692
Android (android.graphics.Color)	4288623104 (0xFF9F3200)
YUV	76.8910, -37.9073, 72.0096
Hunter-Lab	31.0679, 34.3339, 19.7450

# Details

The Hex color **9F3200** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006D9F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **DD6634**, and **630000** is the 20% darker color. If you saturate the color by 10%, you get **9F3200**, and if you desaturate by 10%, it is **9F3D10**.

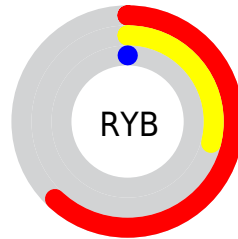
# Distribution



Red (62%)

Green (20%)

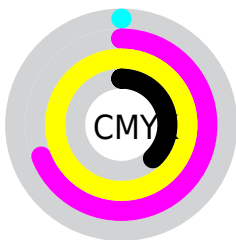
Blue (0%)



Red (62%)

Yellow (29%)

Blue (0%)

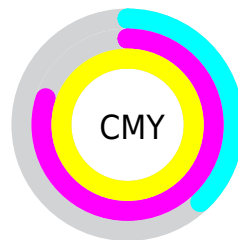


Cyan (0%)

Magenta (69%)

Yellow (100%)

Black (38%)



Cyan (38%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9F3200 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 9F3200 by changing the saturation by 10% instead.



 9F3200

 9F3200

 FFFFED

 811500

 DD6634

 630000

 FD814C

 460000

 FF9C65

 2C0001

 FFB77F

 000000

 FFD49A

 FFF0B5

 FFFFDD1

 9F3200

 9F3D10

 9F4820

 9F5330

 9F5E40

 9F6950

 9F735F

 9F7E6F

 9F897F

 9F948F

# Harmonies

## Analogous

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



B1013A



9F3200



7C4E00

# Triad

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



9F3200



006C41



0053BE

# Complementary

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



9F3200



006D9F

# 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.



0064C1



9F3200



006E78

# Square

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



9F3200



006800



006CA7



80359F

# Rectangle

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



9F3200



5E5A00



006CA7



005AC2



# Sweetspot

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



9F3200



CFA491



9F006F



694F43



E8E8E8



696969



# Same Dimension

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



9F3200



CF4100



9F7F00



4F4A47



8F2D00



0F0500



# Inverse Universe

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



006D9F



008ECF



00209F



474D4F



00628F



000A0F



# Previews

## White Background



This preview shows how the Hex color 9F3200 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

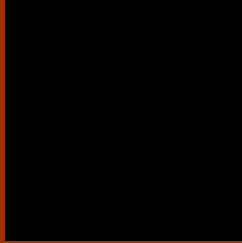
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 9F3200 Background



This preview shows how black text looks on a background with the Hex color 9F3200.



This preview shows how white text looks on a background with the Hex color 9F3200.

# 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**  
9F3200

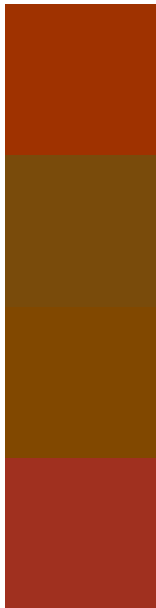
**Protanopia**  
645911

**Deuteranopia**  
705400



**Tritanopia**  
A02F31

# Trichromacy



**Original Color**  
9F3200

**Protanomaly**  
794B0B

**Deuteranomaly**  
814800

**Tritanomaly**  
A0301F

# Monochromacy



**Original Color**  
9F3200

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
6B4331

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9F3200 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 #9F3200 looks like.

```
.text, #text, p{  
    color:#9F3200  
}
```

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 #9F3200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9F3200
}
```

## Border

The CSS property to change the border of an element to Hex 9F3200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

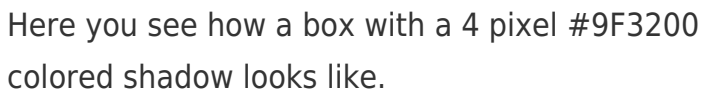
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9F3200 }
```

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

```
.border{ border-color:#9F3200 }
```

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



Here you see how a box with a 4 pixel #9F3200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9F3200; -webkit-box-shadow:4px 4px  
4px 4px #9F3200; box-shadow:4px 4px 4px  
4px #9F3200 }
```

# Background

The CSS property to change the background color of an element to Hex 9F3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9F3200 }
```

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

```
.background{ background-color:#9F3200 }
```

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