

# Converting Colors

Hex(992210)

Have a look what the booklet for  
Hex(992210) contains.

<b>Hex(992210)</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(992210)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	992210
RGB	153, 34, 16
RGB Percent	60%, 13%, 6%
CMY	0.4000, 0.8667, 0.9373
CMYK	0.00, 0.78, 0.90, 0.40
HSL	8°, 81%, 33%
HSV	8°, 90%, 60%
XYZ	13.8024, 7.9538, 1.2980
YIQ	67.5290, 76.7020, 19.6300

# Conversions

## Conversions Part 2

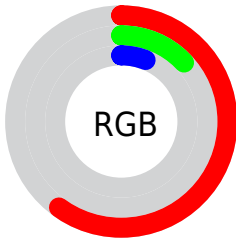
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 37, 16
Decimal	10035728
CIELab	33.89, 47.78, 40.32
CIELCh	34, 62.523, 40.161
Yxy	7.9538, 0.5987, 0.3450
Android (android.graphics.Color)	4288225808 (0xFF992210)
YUV	67.5290, -25.4038, 74.9581
Hunter-Lab	28.2024, 38.0046, 17.0130

# Details

The Hex color **992210** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **108799**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **D7593E**, and **5D0000** is the 20% darker color. If you saturate the color by 10%, you get **991501**, and if you desaturate by 10%, it is **992F1F**.

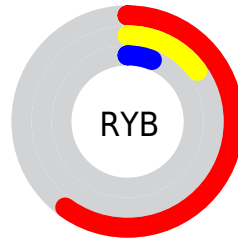
# Distribution



Red (60%)

Green (13%)

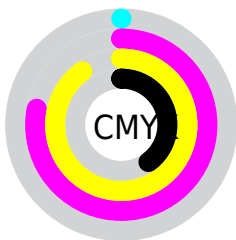
Blue (6%)



Red (60%)

Yellow (15%)

Blue (6%)

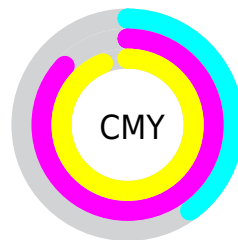


Cyan (0%)

Magenta (78%)

Yellow (90%)

Black (40%)



Cyan (40%)

Magenta (87%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 992210 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 992210 by changing the saturation by 10% instead.



 992210

 992210

 FFFFF6

 7B0000

 D7593E

 5D0000

 F67455

 400000

 FF8F6E

 230001

 FFAA88

 000000

 FFC7A3

 FFE3BE

 FFFFDA

 992210

 992210

■ 991501

■ 992F1F

■ 991400

■ 993D2F

■ 994A3E

■ 99574D

■ 99645C

■ 99726C

■ 997F7B

■ 998C8A

■ 999A9A

# Harmonies

## Analogous

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



A40041



992210



7C4000

# Triad

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



992210



00622B



0051B3

# Complementary

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



992210



108799

# 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.



005EAE



992210



006460

# Square

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



992210



115D00



00648F



63389D

# Rectangle

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



992210



624E00



00648F



0057B5



# Sweetspot

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



992210



C79891



991089



634844



E3E3E3



636363



# Same Dimension

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



992210



C71A00



996410



4D4645



8C1200



0D0200



# Inverse Universe

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



108799



00ADC7



104599



454B4D



007A8C



000B0D



# Previews

## White Background



This preview shows how the Hex color 992210 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 992210 Background



This preview shows how black text looks on a background with the Hex color 992210.



This preview shows how white text looks on a background with the Hex color 992210.

# 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**  
992210

**Protanopia**  
5B511B

**Deuteranopia**  
674D00



# Trichromacy



**Original Color**  
992210

**Protanomaly**  
724017

**Deuteranomaly**  
793D06

**Tritanomaly**  
99211B

# Monochromacy



**Original Color**  
992210

**Achromatopsia**  
444444

**Achromatomaly**  
633831

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 992210 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 #992210 looks like.

```
.text, #text, p{  
    color:#992210  
}
```

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 #992210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #992210
}
```

## Border

The CSS property to change the border of an element to Hex 992210 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
#992210 }
```

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

```
.border{ border-color:#992210 }
```

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

Here you see how a box with a 4 pixel #992210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #992210; -webkit-box-shadow:4px 4px  
4px 4px #992210; box-shadow:4px 4px 4px  
4px #992210 }
```

# Background

The CSS property to change the background color of an element to Hex 992210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#992210 }
```

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

```
.background{ background-color:#992210 }
```

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