

# Converting Colors

Hex(982712)

Have a look what the booklet for  
Hex(982712) contains.

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**Color**

**Hex(982712)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	982712
RGB	152, 39, 18
RGB Percent	60%, 15%, 7%
CMY	0.4039, 0.8471, 0.9294
CMYK	0.00, 0.74, 0.88, 0.40
HSL	9°, 79%, 33%
HSV	9°, 88%, 60%
XYZ	13.7836, 8.1701, 1.4228
YIQ	70.3930, 74.0890, 17.4250

# Conversions

## Conversions Part 2

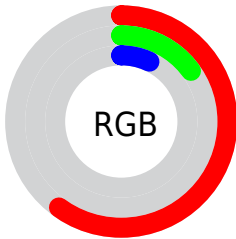
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 43, 18
Decimal	9971474
CIE <sub>Lab</sub>	34.33, 45.73, 39.68
CIE <sub>LCh</sub>	34, 60.544, 40.945
Yxy	8.1701, 0.5896, 0.3495
Android (android.graphics.Color)	4288161554 (0xFF982712)
YUV	70.3930, -25.8297, 71.5693
Hunter-Lab	28.5834, 36.0560, 17.0571

# Details

The Hex color **982712** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **128398**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **D55D40**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **981A03**, and if you desaturate by 10%, it is **983421**.

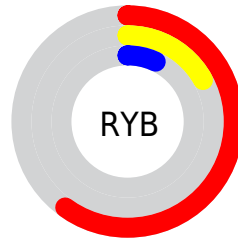
# Distribution



Red (60%)

Green (15%)

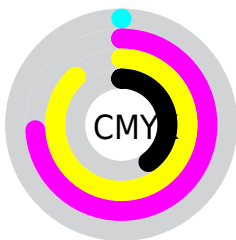
Blue (7%)



Red (60%)

Yellow (17%)

Blue (7%)

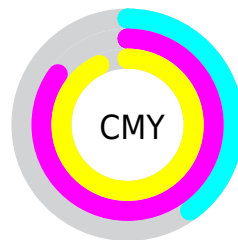


Cyan (0%)

Magenta (74%)

Yellow (88%)

Black (40%)



Cyan (40%)

Magenta (85%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 982712 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 982712 by changing the saturation by 10% instead.



 982712

 982712

 FFFFF9

 7A0300

 D55D40

 5C0000

 F47758

 400000

 FF9270

 230001

 FFAE8A

 000000

 FFCAA5

 FFE7C0

 FFFFDC

 982712

 982712

■ 981A03

■ 983421

■ 981800

■ 984130

■ 984D40

■ 985A4F

■ 98675E

■ 98746D

■ 98817C

■ 988E8C

■ 989A9B

# Harmonies

## Analogous

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



A30042



982712



7C4300

# Triad

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



982712



00632F



0051B1

# Complementary

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



982712



128398

# 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.



005FAD



982712



006562

# Square

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



982712



145E00



00648F



663A9A

# Rectangle

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



982712



624F00



00648F



0057B2



# Sweetspot

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



982712



C49991



981284



634945



E3E3E3



636363



# Same Dimension

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



982712



C41F00



986912



4D4645



8C1600



0D0200



# Inverse Universe

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



128398



00A6C4



124198



454B4D



00768C



000B0D



# Previews

## White Background



This preview shows how the Hex color 982712 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 982712 Background



This preview shows how black text looks on a background with the Hex color 982712.

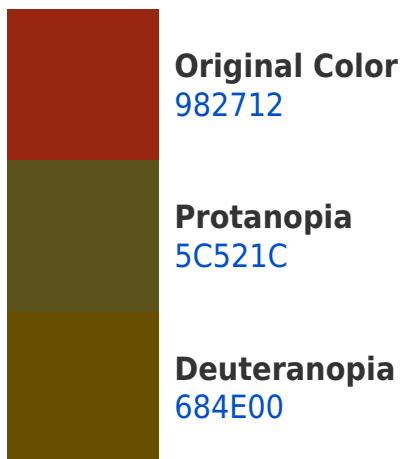


This preview shows how white text looks on a background with the Hex color 982712.

# 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





**Tritanopia**  
982526

# Trichromacy



**Original Color**  
982712

**Protanomaly**  
724218

**Deuteranomaly**  
794007

**Tritanomaly**  
98261F

# Monochromacy



**Original Color**  
982712

**Achromatopsia**  
464646

**Achromatomaly**  
643B33

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 982712 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 #982712 looks like.

```
.text, #text, p{  
    color:#982712  
}
```

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 #982712 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #982712
}
```

## Border

The CSS property to change the border of an element to Hex 982712 is called "border". The border property can be set on classes, ids or directly on the HTML element.

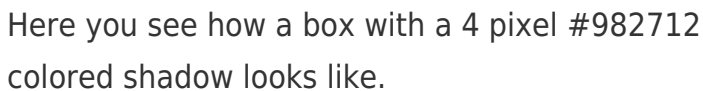
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#982712 }
```

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

```
.border{ border-color:#982712 }
```

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



Here you see how a box with a 4 pixel #982712 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #982712; -webkit-box-shadow:4px 4px  
4px 4px #982712; box-shadow:4px 4px 4px  
4px #982712 }
```

# Background

The CSS property to change the background color of an element to Hex 982712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#982712 }
```

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

```
.background{ background-color:#982712 }
```

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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