

# Converting Colors

Hex(928216)

Have a look what the booklet for  
Hex(928216) contains.

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**Color**

**Hex(928216)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	928216
RGB	146, 130, 22
RGB Percent	57%, 51%, 9%
CMY	0.4275, 0.4902, 0.9137
CMYK	0.00, 0.11, 0.85, 0.43
HSL	52°, 74%, 33%
HSV	52°, 85%, 57%
XYZ	19.9815, 22.1342, 3.9782
YIQ	122.4720, 44.2040, -30.1960

# Conversions

## Conversions Part 2

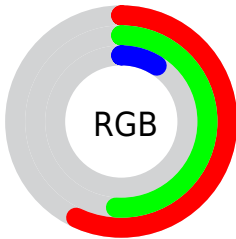
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 146, 22
Decimal	9601558
CIE Lab	54.17, -5.15, 54.62
CIE LCh	54, 54.858, 95.386
Yxy	22.1342, 0.4335, 0.4802
Android (android.graphics.Color)	4287791638 (0xFF928216)
YUV	122.4720, -49.5327, 20.6341
Hunter-Lab	47.0470, -6.5208, 27.9194

# Details

The Hex color **928216** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **162692**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CBB74E**, and **5C5100** is the 20% darker color. If you saturate the color by 10%, you get **928007**, and if you desaturate by 10%, it is **928425**.

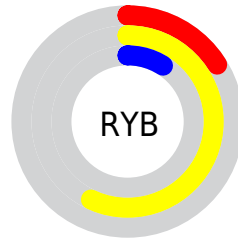
# Distribution



Red (57%)

Green (51%)

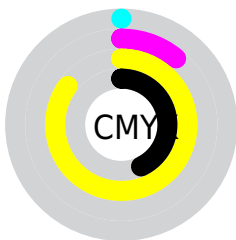
Blue (9%)



Red (16%)

Yellow (57%)

Blue (9%)

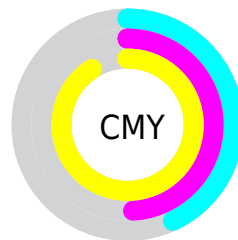


Cyan (0%)

Magenta (11%)

Yellow (85%)

Black (43%)



Cyan (43%)

Magenta (49%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 928216 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 928216 by changing the saturation by 10% instead.





928216



928216

FFFFFF



766900



CBB74E



5C5100



E9D268



413A00



FFEE83



282500



FFFF9E



0A1100



FFF9BA



000000



FFFFD6



FFFFF3



928216



928216

■ 928007

■ 928425

■ 927F00

■ 928633

■ 928842

■ 928A50

■ 928B5F

■ 928D6E

■ 928F7C

■ 92918B

■ 929399

# Harmonies

## Analogous

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



B97128



928216



618E2E

# Triad

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



928216



0097B7



C15DAA

# Complementary

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



928216



162692

# 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.



8E71CF



928216



0091D7

# Square

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



928216



009889



1984E0



D7547B

# Rectangle

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



928216



319349



1984E0



B463B8



# Sweetspot

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



928216



BDB78E



921627



5E5B42



DEDEDE



5E5E5E



# Same Dimension

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



928216



BDA400



659216



4A4943



8A7800



0A0900



# Inverse Universe

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



162692



0018BD



431692



43444A



00128A

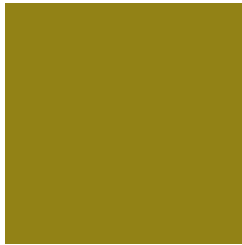


00010A



# Previews

## White Background



This preview shows how the Hex color 928216 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black 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 × Fail

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



## Hex 928216 Background



This preview shows how black text looks on a background with the Hex color 928216.



This preview shows how white text looks on a background with the Hex color 928216.

# 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**  
928216

**Protanopia**  
928216

**Deuteranopia**  
A37B1B



**Tritanopia**  
997982

# Trichromacy



**Original Color**  
928216

**Protanomaly**  
928216

**Deuteranomaly**  
9D7E19

**Tritanomaly**  
967C5B

# Monochromacy



**Original Color**  
928216

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
837D56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 928216 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 #928216 looks like.

```
.text, #text, p{  
    color:#928216  
}
```

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 #928216 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #928216
}
```

## Border

The CSS property to change the border of an element to Hex 928216 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
#928216 }
```

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

```
.border{ border-color:#928216 }
```

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

Here you see how a box with a 4 pixel #928216 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #928216; -webkit-box-shadow:4px 4px  
4px 4px #928216; box-shadow:4px 4px 4px  
4px #928216 }
```

# Background

The CSS property to change the background color of an element to Hex 928216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#928216 }
```

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

```
.background{ background-color:#928216 }
```

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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