

Converting Colors

Hex(9D9C22)

Have a look what the booklet for
Hex(9D9C22) contains.

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Color

Hex(9D9C22)

Conversions

Conversions Part 1

Format	Color
Hex	9D9C22
RGB	157, 156, 34
RGB Percent	62%, 61%, 13%
CMY	0.3843, 0.3882, 0.8667
CMYK	0.00, 0.01, 0.78, 0.38
HSL	60°, 64%, 37%
HSV	60°, 78%, 62%
XYZ	26.0818, 31.0605, 6.1340
YIQ	142.3910, 39.7580, -37.7300

Conversions

Conversions Part 2

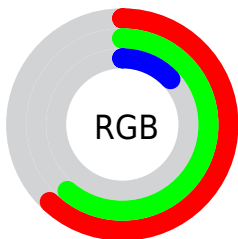
Format	Color
R _{YB}	35, 157, 34
Decimal	10329122
CIE _{Lab}	62.56, -13.70, 58.78
CIE _{LCh}	63, 60.352, 103.121
Yxy	31.0605, 0.4122, 0.4909
Android (android.graphics.Color)	4288519202 (0xFF9D9C22)
YUV	142.3910, -53.4368, 12.8121
Hunter-Lab	55.7320, -13.9953, 32.4868

Details

The Hex color **9D9C22** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **22239D**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D7D25A**, and **666900** is the 20% darker color. If you saturate the color by 10%, you get **9D9C12**, and if you desaturate by 10%, it is **9D9C32**.

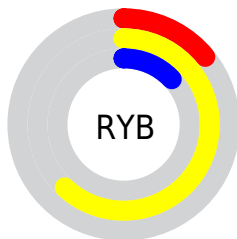
Distribution



Red (62%)

Green (61%)

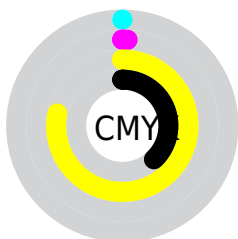
Blue (13%)



Red (14%)

Yellow (62%)

Blue (13%)

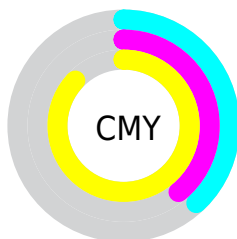


Cyan (0%)

Magenta (1%)

Yellow (78%)

Black (38%)



Cyan (38%)

Magenta (39%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D9C22 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 9D9C22 by changing the saturation by 10% instead.



9D9C22



9D9C22

FFFFFF



818200



D7D25A



666900



F4EE75



4C5100



FFFF90



313A00



FFFFAC



182500



FFFFC8



001000



FFFFE5



000000



9D9C22



9D9C22



9D9C12



9D9C32

 9D9C03

 9D9C41

 9D9C00

 9D9C51

 9D9D61

 9D9D71

 9D9D80

 9D9D90

 9D9DA0

 9D9DAF

Harmonies

Analogous

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



CC8A2A



9D9C22



61A844

Triad

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



9D9C22



00AEDF



E96AB8

Complementary

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



9D9C22



22239D

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.



B87FE6



9D9C22



00A6FE

Square

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



9D9C22



00B1AE



5A95FF



F96582

Rectangle

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



9D9C22



11AD64



5A95FF



DD70C9

Sweetspot

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



9D9C22



CCCC9B



9D2224



666648



E6E6E6



666666

Same Dimension

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



9D9C22



CCCA0C



629D22



4F4F47



8F8E00



0F0F00

Inverse Universe

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



22239D



0C0ECC



5D229D



47474F



00018F



00000F

Previews

White Background



This preview shows how the Hex color 9D9C22 looks on a white background.

Color Contrast Check

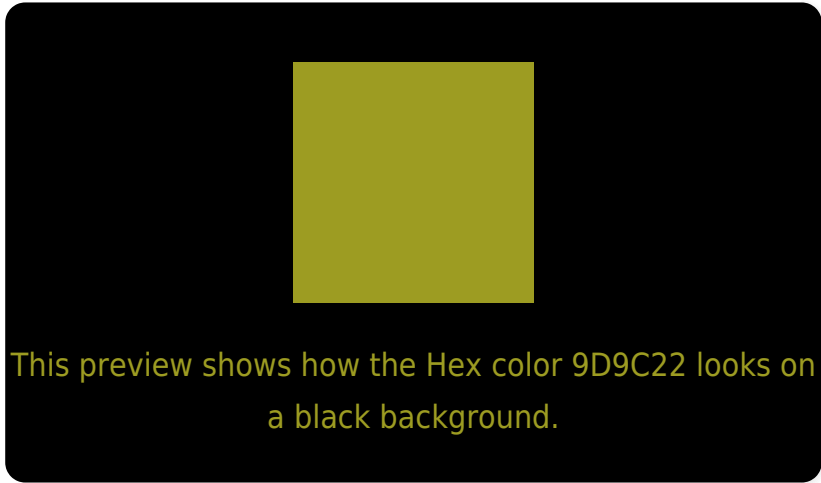
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 9D9C22 Background



This preview shows how black text looks on a background with the Hex color 9D9C22.



This preview shows how white text looks on a background with the Hex color 9D9C22.

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
9D9C22

Protanopia
AA9821

Deuteranopia
BE9028



Tritanopia
A7919D

Trichromacy



Original Color
9D9C22

Protanomaly
A59921

Deuteranomaly
B29426

Tritanomaly
A39570

Monochromacy



Original Color
9D9C22

Achromatopsia
8E8E8E

Achromatomaly
939367

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D9C22 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 #9D9C22 looks like.

```
.text, #text, p{  
    color:#9D9C22  
}
```

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 #9D9C22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9C22
}
```

Border

The CSS property to change the border of an element to Hex 9D9C22 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
#9D9C22 }
```

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

```
.border{ border-color:#9D9C22 }
```

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

Here you see how a box with a 4 pixel #9D9C22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9C22; -webkit-box-shadow:4px 4px  
4px 4px #9D9C22; box-shadow:4px 4px 4px  
4px #9D9C22 }
```

Background

The CSS property to change the background color of an element to Hex 9D9C22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9C22 }
```

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

```
.background{ background-color:#9D9C22 }
```

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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