

Converting Colors

Hex(9D8210)

Have a look what the booklet for
Hex(9D8210) contains.

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Color

Hex(9D8210)

Conversions

Conversions Part 1

Format	Color
Hex	9D8210
RGB	157, 130, 16
RGB Percent	62%, 51%, 6%
CMY	0.3843, 0.4902, 0.9373
CMYK	0.00, 0.17, 0.90, 0.38
HSL	49°, 82%, 34%
HSV	49°, 90%, 62%
XYZ	21.9808, 23.1708, 3.8041
YIQ	125.0770, 52.6860, -29.7300

Conversions

Conversions Part 2

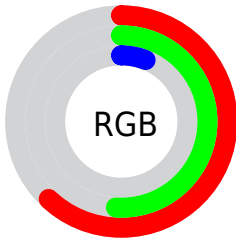
Format	Color
R_{YB}	49, 157, 16
Decimal	10322448
CIE Lab	55.25, -0.20, 57.46
CIE LCh	55, 57.459, 90.196
Yxy	23.1708, 0.4490, 0.4733
Android (android.graphics.Color)	4288512528 (0xFF9D8210)
YUV	125.0770, -53.7750, 27.9965
Hunter-Lab	48.1360, -2.7280, 29.0096

Details

The Hex color **9D8210** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **102B9D**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **D7B74B**, and **655100** is the 20% darker color. If you saturate the color by 10%, you get **9D7F00**, and if you desaturate by 10%, it is **9D8520**.

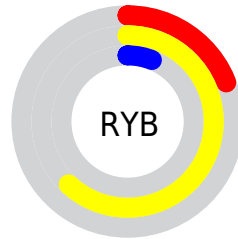
Distribution



Red (62%)

Green (51%)

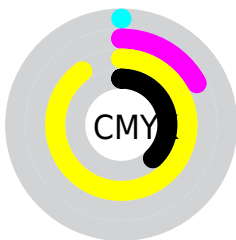
Blue (6%)



Red (19%)

Yellow (62%)

Blue (6%)

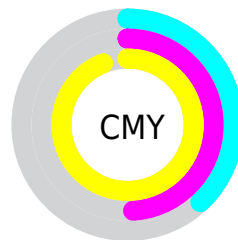


Cyan (0%)

Magenta (17%)

Yellow (90%)

Black (38%)



Cyan (38%)

Magenta (49%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D8210 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 9D8210 by changing the saturation by 10% instead.



9D8210



9D8210

FFFFFF



816900



D7B74B



655100



F5D265



4A3B00



FFEE80



302500



FFFF9B



171100



FFFFB7



000000



FFFFD3



FFFFF0



9D8210



9D8210

■ 9D7F00

■ 9D8520

■ 9D882F

■ 9D8B3F

■ 9D8E4F

■ 9D915F

■ 9D946E

■ 9D977E

■ 9D9A8E

■ 9D9D9D

Harmonies

Analogous

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



C46F2C



9D8210



6B9025

Triad

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



9D8210



009BB5



C061B7

Complementary

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



9D8210



102B9D

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.



8477DB



9D8210



0096DA

Square

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



9D8210



009C83



008AE8



DC5486

Rectangle

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



9D8210



3E9641



008AE8



B068C5

Sweetspot

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



9D8210



CCC195



9D102C



666045



E6E6E6



666666

Same Dimension

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



9D8210



CCA500



739D10



4F4E47



8F7300



0F0C00

Inverse Universe

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



102B9D



0027CC



3A109D



47494F



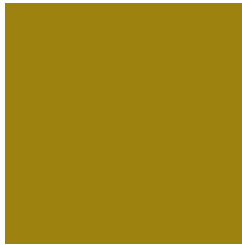
001B8F



00030F

Previews

White Background



This preview shows how the Hex color 9D8210 looks on a white background.

Color Contrast Check

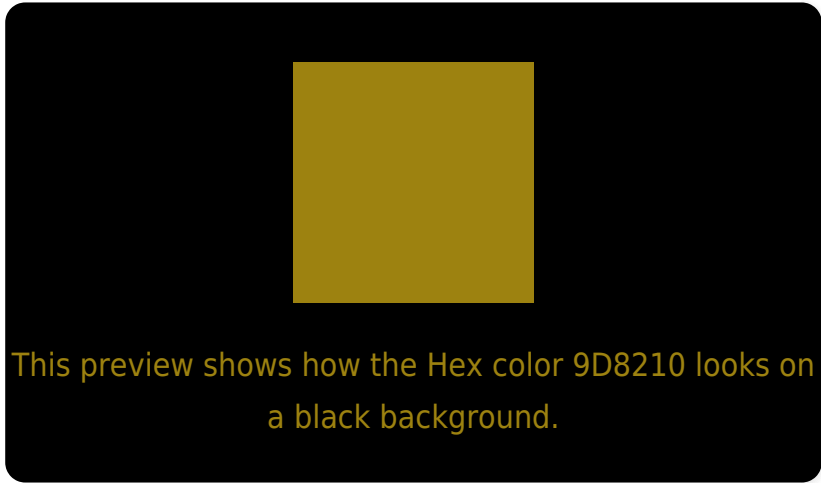
Large Text (above 18pt) WCAG AA ✓ Pass

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 9D8210 Background



This preview shows how black text looks on a background with the Hex color 9D8210.



This preview shows how white text looks on a background with the Hex color 9D8210.

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
9D8210

Protanopia
958511

Deuteranopia
A77E14



Tritanopia
A47982

Trichromacy



Original Color
9D8210

Protanomaly
988411

Deuteranomaly
A37F13

Tritanomaly
A17C59

Monochromacy



Original Color
9D8210

Achromatopsia
7D7D7D

Achromatomaly
897F55

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D8210 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 #9D8210 looks like.

```
.text, #text, p{  
    color:#9D8210  
}
```

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 #9D8210 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D8210
}
```

Border

The CSS property to change the border of an element to Hex 9D8210 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
#9D8210 }
```

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

```
.border{ border-color:#9D8210 }
```

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

Here you see how a box with a 4 pixel #9D8210 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D8210; -webkit-box-shadow:4px 4px  
4px 4px #9D8210; box-shadow:4px 4px 4px  
4px #9D8210 }
```

Background

The CSS property to change the background color of an element to Hex 9D8210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D8210 }
```

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

```
.background{ background-color:#9D8210 }
```

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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