

Converting Colors

Hex(9D9950)

Have a look what the booklet for
Hex(9D9950) contains.

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Color

Hex(9D9950)

Conversions

Conversions Part 1

Format	Color
Hex	9D9950
RGB	157, 153, 80
RGB Percent	62%, 60%, 31%
CMY	0.3843, 0.4000, 0.6863
CMYK	0.00, 0.03, 0.49, 0.38
HSL	57°, 32%, 46%
HSV	57°, 49%, 62%
XYZ	26.7438, 30.5298, 12.0727
YIQ	145.8740, 25.8170, -21.8550

Conversions

Conversions Part 2

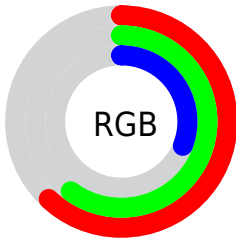
Format	Color
RYB	84, 157, 80
Decimal	10328400
CIELab	62.11, -9.03, 38.59
CIELCh	62, 39.631, 103.177
Yxy	30.5298, 0.3857, 0.4403
Android (android.graphics.Color)	4288518480 (0xFF9D9950)
YUV	145.8740, -32.4759, 9.7575
Hunter-Lab	55.2537, -10.2967, 25.7230

Details

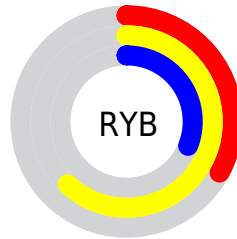
The Hex color **9D9950** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **50549D**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **D5CF83**, and **68661F** is the 20% darker color. If you saturate the color by 10%, you get **9D9840**, and if you desaturate by 10%, it is **9D9A60**.

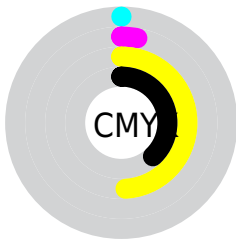
Distribution



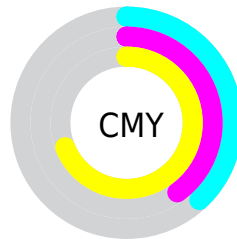
- Red (62%)
- Green (60%)
- Blue (31%)



- Red (33%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (3%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (40%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9D9950 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 9D9950 by changing the saturation by 10% instead.



9D9950



9D9950

FFFFFF



827F38



D5CF83



68661F



F2EB9E



4E4E04



FFFFB9



373800



FFFFD5



1E2200



FFFFF2



000E00



000000



9D9950



9D9950



9D9840



9D9A60

 9D9731

 9D9B6F

 9D9721

 9D9B7F

 9D9611

 9D9C8F

 9D9501

 9D9D9F

 9D9500

 9D9EAE

 9D9FBE

 9DA0CE

 9DA0DD

Harmonies

Analogous

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



BD8D53



9D9950



76A261

Triad

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



9D9950



00A6C5



CE7CAB

Complementary

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



9D9950



50549D

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.



AD87CA



9D9950



309FD9

Square

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



9D9950



00A9A5



7A94DA



DA7A88

Rectangle

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



9D9950



58A675



7A94DA



C57FB6

Sweetspot

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



9D9950



CCCAAD



9D5055



666554



E6E6E6



666666

Same Dimension

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



9D9950



CCC654



7C9D50



4F4F47



8F8700



0F0F00

Inverse Universe

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



50549D



545ACC



71509D



47484F



00078F



00010F

Previews

White Background



This preview shows how the Hex color 9D9950 looks on a white background.

Color Contrast Check

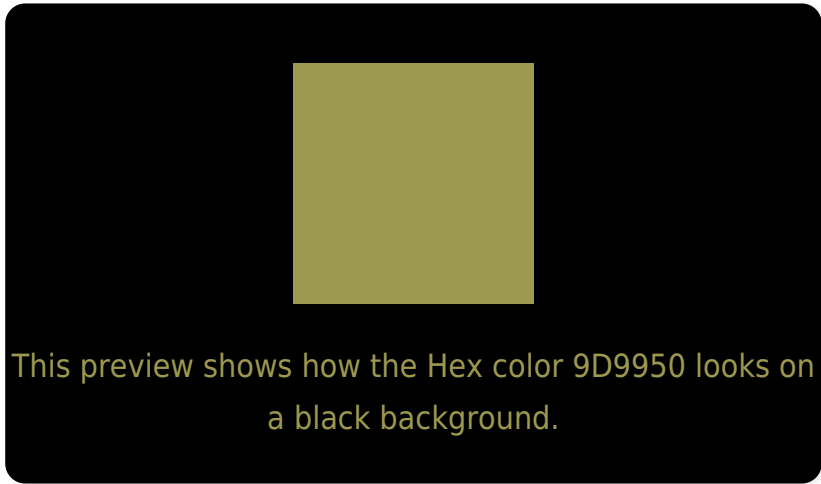
Large Text (above 18pt) WCAG AA × Fail

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

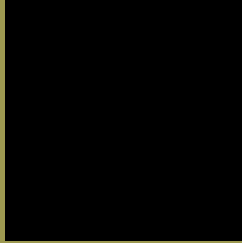
Any Text WCAG AA ✓ Pass

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 9D9950 Background



This preview shows how black text looks on a background with the Hex color 9D9950.



This preview shows how white text looks on a background with the Hex color 9D9950.

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
9D9950

Protanopia
A5964F

Deuteranopia
B78F52



Tritanopia
A5909C

Trichromacy



Original Color
9D9950

Protanomaly
A2974F

Deuteranomaly
AE9351

Tritanomaly
A29380

Monochromacy



Original Color
9D9950

Achromatopsia
929292

Achromatomaly
96957A

CSS Examples

Text

The CSS property to change the color of the text to Hex 9D9950 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 #9D9950 looks like.

```
.text, #text, p{  
    color:#9D9950  
}
```

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 #9D9950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9D9950
}
```

Border

The CSS property to change the border of an element to Hex 9D9950 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
#9D9950 }
```

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

```
.border{ border-color:#9D9950 }
```

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

Here you see how a box with a 4 pixel #9D9950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9D9950; -webkit-box-shadow:4px 4px  
4px 4px #9D9950; box-shadow:4px 4px 4px  
4px #9D9950 }
```

Background

The CSS property to change the background color of an element to Hex 9D9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9D9950 }
```

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

```
.background{ background-color:#9D9950 }
```

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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