

Converting Colors

Hex(999C2D)

Have a look what the booklet for
Hex(999C2D) contains.

| | |
|--|----|
| Hex(999C2D) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(999C2D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 999C2D |
| RGB | 153, 156, 45 |
| RGB Percent | 60%, 61%, 18% |
| CMY | 0.4000, 0.3882, 0.8235 |
| CMYK | 0.02, 0.00, 0.71, 0.39 |
| HSL | 62°, 55%, 39% |
| HSV | 62°, 71%, 61% |
| XYZ | 25.4990, 30.7387, 7.0718 |
| YIQ | 142.4490, 33.8430, -35.1570 |

Conversions

Conversions Part 2

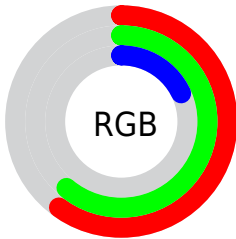
| Format | Color |
|-------------------------------------|--|
| RYB | 45, 156, 48 |
| Decimal | 10066989 |
| CIELab | 62.29, -14.96, 54.58 |
| CIElCh | 62, 56.597, 105.332 |
| Yxy | 30.7387, 0.4028, 0.4855 |
| Android (android.graphics.Color) | 4288257069 (0xFF999C2D) |
| YUV | 142.4490, -48.0424, 9.2532 |
| Hunter-Lab | 55.4425, -14.9290, 31.2471 |

Details

The Hex color **999C2D** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **302D9C**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **D2D262**, and **626900** is the 20% darker color. If you saturate the color by 10%, you get **999C1D**, and if you desaturate by 10%, it is **999C3D**.

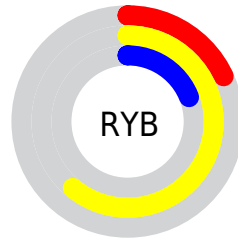
Distribution



Red (60%)

Green (61%)

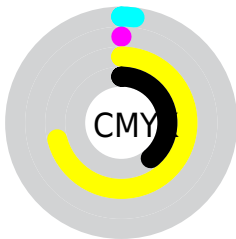
Blue (18%)



Red (18%)

Yellow (61%)

Blue (19%)

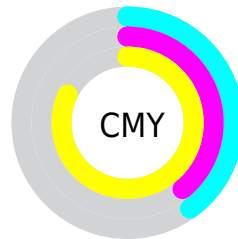


Cyan (2%)

Magenta (0%)

Yellow (71%)

Black (39%)



Cyan (40%)

Magenta (39%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 999C2D 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 999C2D by changing the saturation by 10% instead.



999C2D



999C2D

FFFFFF



7D820D



D2D262



626900



EFEF7D



495100



FFFF98



2F3A00



FFFFB4



162500



FFFFD0



000F00



FFFFED



000000



999C2D



999C2D



999C1D



999C3D

 989C0E

 9A9C4C

 989C00

 9A9C5C

 9B9C6B

 9B9C7B

 9C9C8B

 9C9C9A

 9C9CAA

 9D9CB9

Harmonies

Analogous

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



C68B30



999C2D



60A74C

Triad

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



999C2D



00ACDD



E66CB1

Complementary

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



999C2D



302D9C

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.



BA7EDE



999C2D



00A3F7

Square

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



999C2D



00AFB0



6A93F8



F3697F

Rectangle

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



999C2D



1AAC6B



6A93F8



DB71C1

Sweetspot

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



999C2D



CBCCA1



9C2F2D



65664D



E6E6E6



666666

Same Dimension

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



999C2D



C7CC1F



639C2D



4F4F47



8B8F00



0F0F00

Inverse Universe

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



302D9C



231FCC



662D9C



47474F



04008F



00000F

Previews

White Background



This preview shows how the Hex color 999C2D 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 999C2D Background



This preview shows how black text looks on a background with the Hex color 999C2D.



This preview shows how white text looks on a background with the Hex color 999C2D.

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
999C2D

Protanopia
A9972C

Deuteranopia
BC8F32



Tritanopia
A3929D

Trichromacy



Original Color
999C2D

Protanomaly
A3992C

Deuteranomaly
AF9430

Tritanomaly
9F9674

Monochromacy



Original Color
999C2D

Achromatopsia
8E8E8E

Achromatomaly
92936B

CSS Examples

Text

The CSS property to change the color of the text to Hex 999C2D 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 #999C2D looks like.

```
.text, #text, p{  
    color:#999C2D  
}
```

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 #999C2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #999C2D }  
}
```

Border

The CSS property to change the border of an element to Hex 999C2D 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 #999C2D }  
}
```

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

```
.border{ border-color:#999C2D }
```

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

Here you see how a box with a 4 pixel #999C2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #999C2D; -webkit-box-shadow:4px 4px  
4px 4px #999C2D; box-shadow:4px 4px 4px  
4px #999C2D }
```

Background

The CSS property to change the background color of an element to Hex 999C2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#999C2D }
```

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

```
.background{ background-color:#999C2D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor