

Converting Colors

Hex(C7D33A)

Have a look what the booklet for
Hex(C7D33A) contains.

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Color

Hex(C7D33A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C7D33A |
| RGB | 199, 211, 58 |
| RGB Percent | 78%, 83%, 23% |
| CMY | 0.2196, 0.1725, 0.7725 |
| CMYK | 0.06, 0.00, 0.73, 0.17 |
| HSL | 65°, 63%, 53% |
| HSV | 65°, 73%, 83% |
| XYZ | 47.6112, 59.0361, 12.8887 |
| YIQ | 189.9700, 41.9610, -50.1270 |

Conversions

Conversions Part 2

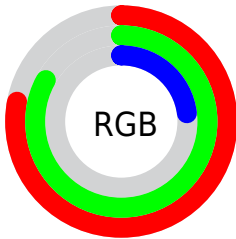
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 58, 211, 70 |
| Decimal | 13095738 |
| CIELab | 81.31, -22.35, 69.58 |
| CIElCh | 81, 73.080, 107.809 |
| Yxy | 59.0361, 0.3983, 0.4939 |
| Android (android.graphics.Color) | 4291285818 (0xFFC7D33A) |
| YUV | 189.9700, -65.0612, 7.9193 |
| Hunter-Lab | 76.8350, -23.8528, 43.8388 |

Details

The Hex color **C7D33A** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **463AD3**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFFF73**, and **8D9D00** is the 20% darker color. If you saturate the color by 10%, you get **C5D325**, and if you desaturate by 10%, it is **C9D34F**.

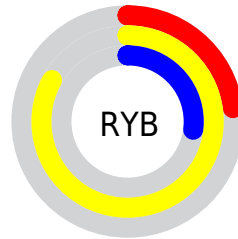
Distribution



Red (78%)

Green (83%)

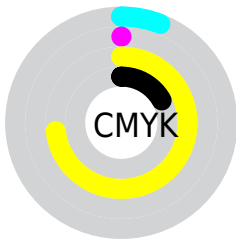
Blue (23%)



Red (23%)

Yellow (83%)

Blue (27%)

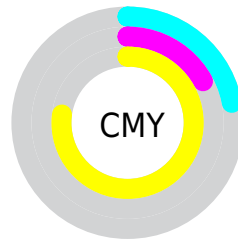


Cyan (6%)

Magenta (0%)

Yellow (73%)

Black (17%)



Cyan (22%)

Magenta (17%)

Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color C7D33A 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 C7D33A by changing the saturation by 10% instead.

 C7D33A

 C7D33A

FFFFFF

 AAB716

 FFFF73

 8D9D00

 FFFF90

 718300

 FFFFAC

 566A00

 FFFFC9

 3B5100

 FFFFFE6

 203A00

 032500

 000900

 000000

 C7D33A

 C7D33A

 C5D325

 C9D34F

 C4D310

 CAD364

 C2D300

 CCD379

 CED38E

 CFD3A3

 D1D3B9

 D3D3CE

 D4D3E3

 D6D3F8

Harmonies

Analogous

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



FFBD3B



C7D33A



76E269

Triad

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



C7D33A



00E6FF



FF8EE9

Complementary

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



C7D33A



463AD3

Split Complementary

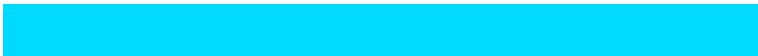
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA6FF



C7D33A



00DAFF

Square

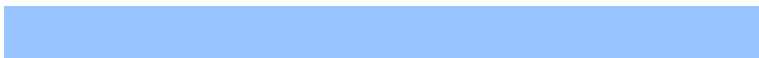
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



C7D33A



00EBF2



97C3FF



FF8CA4

Rectangle

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



C7D33A



00E794



97C3FF



FF94FF

Sweetspot

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



C7D33A



FBFFC7



D3443A



7D805E



000000



808080

Same Dimension

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



C7D33A



EEFF21



7CD33A



68695E



9BA800



262900

Inverse Universe

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



463AD3



3321FF



913AD3



5F5E69



0D00A8



030029

Previews

White Background



This preview shows how the Hex color C7D33A looks on a white background.

Color Contrast Check

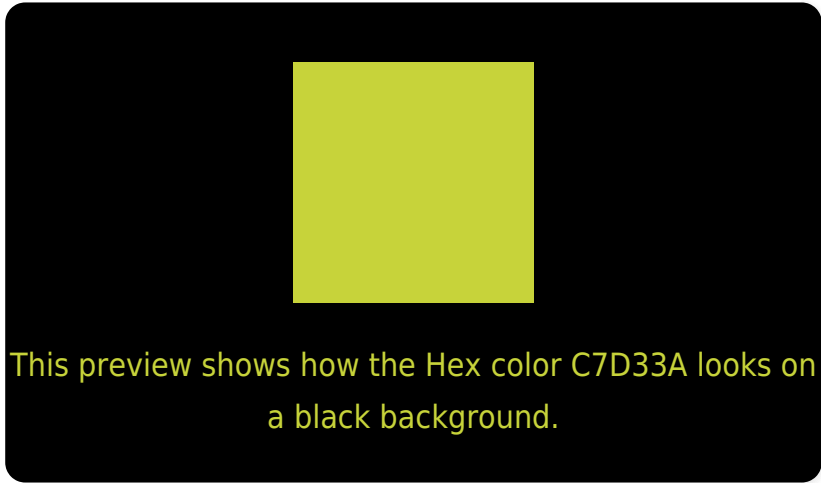
Large Text (above 18pt) WCAG AA × Fail

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 C7D33A Background



This preview shows how black text looks on a background with the Hex color C7D33A.



This preview shows how white text looks on a background with the Hex color C7D33A.

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
C7D33A

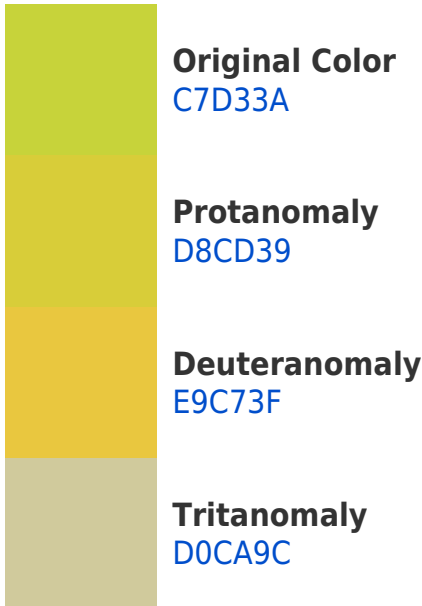
Protanopia
E2CA38

Deuteranopia
FCC042



Tritanopia
D5C5D4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex C7D33A 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 #C7D33A looks like.

```
.text, #text, p{  
    color:#C7D33A  
}
```

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 #C7D33A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7D33A
}
```

Border

The CSS property to change the border of an element to Hex C7D33A 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
#C7D33A }
```

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

```
.border{ border-color:#C7D33A }
```

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

Here you see how a box with a 4 pixel #C7D33A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7D33A; -webkit-box-shadow:4px 4px  
4px 4px #C7D33A; box-shadow:4px 4px 4px  
4px #C7D33A }
```

Background

The CSS property to change the background color of an element to Hex C7D33A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7D33A }
```

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

```
.background{ background-color:#C7D33A }
```

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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