

Converting Colors

Hex(7D9337)

Have a look what the booklet for
Hex(7D9337) contains.

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Color

Hex(7D9337)

Conversions

Conversions Part 1

Format	Color
Hex	7D9337
RGB	125, 147, 55
RGB Percent	49%, 58%, 22%
CMY	0.5098, 0.4235, 0.7843
CMYK	0.15, 0.00, 0.63, 0.42
HSL	74°, 46%, 40%
HSV	74°, 63%, 58%
XYZ	19.5808, 25.5032, 7.5050
YIQ	129.9340, 16.4200, -33.2760

Conversions

Conversions Part 2

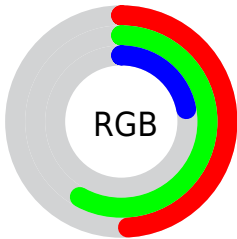
Format	Color
RYB	55, 147, 77
Decimal	8229687
CIELab	57.56, -21.78, 44.83
CIELCh	58, 49.839, 115.910
Yxy	25.5032, 0.3723, 0.4850
Android (android.graphics.Color)	4286419767 (0xFF7D9337)
YUV	129.9340, -36.9425, -4.3271
Hunter-Lab	50.5007, -19.1661, 26.5393

Details

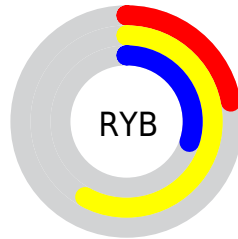
The Hex color **7D9337** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **4D3793**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **B4C96A**, and **496000** is the 20% darker color. If you saturate the color by 10%, you get **799328**, and if you desaturate by 10%, it is **819346**.

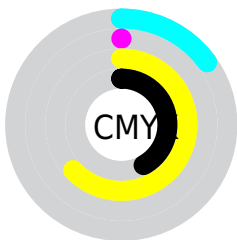
Distribution



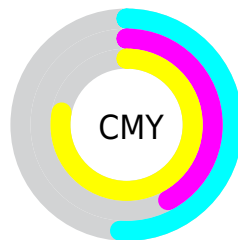
- Red (49%)
- Green (58%)
- Blue (22%)



- Red (22%)
- Yellow (58%)
- Blue (30%)



- Cyan (15%)
- Magenta (0%)
- Yellow (63%)
- Black (42%)



- Cyan (51%)
- Magenta (42%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D9337 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 7D9337 by changing the saturation by 10% instead.

 7D9337

 7D9337

FFFFFF

 63791D

 B4C96A

 496000

 D0E584

 314900

 EDFF9F

 173200

 FFFFBB

 001E00

 FFFFD7

 000000

 FFFFF4

 7D9337

 7D9337

 799328

 819346

■ 76931A

■ 849354

■ 72930B

■ 889363

■ 709300

■ 8B9372

■ 8F9381

■ 92938F

■ 96939E

■ 9993AD

■ 9D93BB

Harmonies

Analogous

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



A8862F



7D9337



459B57

Triad

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



7D9337



009BD2



D66492

Complementary

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



7D9337



4D3793

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.



BA6FBC



7D9337



0091E1

Square

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



7D9337



009FAF



8281D9



D96767

Rectangle

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



7D9337



009E74



8281D9



D066A1

Sweetspot

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



7D9337



B7BF9B



934C37



5C614B



E0E0E0



616161

Same Dimension

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



7D9337



9DBF30



509337



484A43



698A00



080A00

Inverse Universe

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



4D3793



5230BF



7A3793



44434A



21008A



02000A

Previews

White Background



This preview shows how the Hex color 7D9337 looks on a white background.

Color Contrast Check

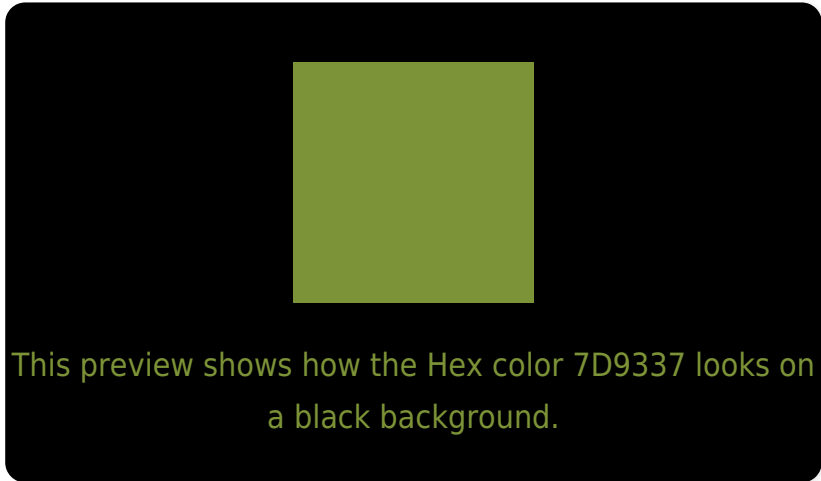
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D9337 Background



This preview shows how black text looks on a background with the Hex color 7D9337.



This preview shows how white text looks on a background with the Hex color 7D9337.

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](#).

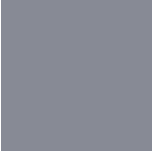
Dichromacy



Original Color
7D9337

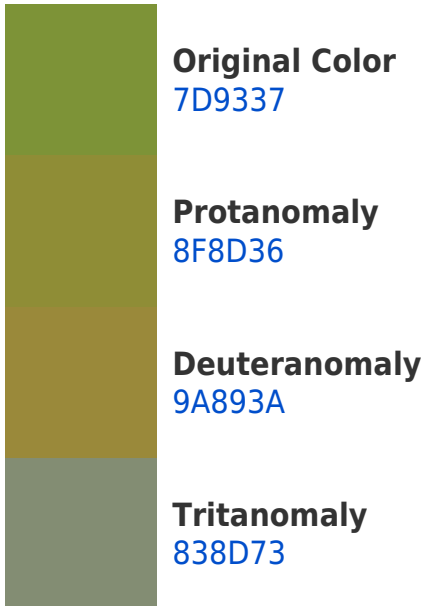
Protanopia
9A8A35

Deuteranopia
AB833C

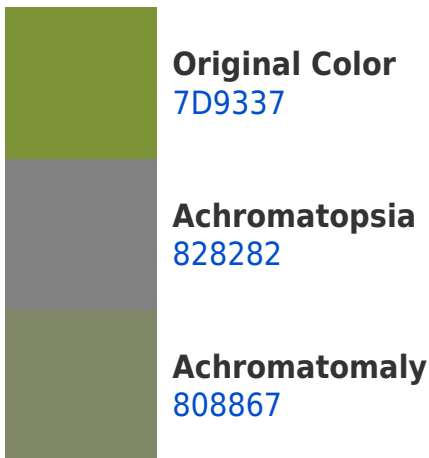


Tritanopia
878A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7D9337 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 #7D9337 looks like.

```
.text, #text, p{  
    color:#7D9337  
}
```

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 #7D9337 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9337
}
```

Border

The CSS property to change the border of an element to Hex 7D9337 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
#7D9337 }
```

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

```
.border{ border-color:#7D9337 }
```

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

Here you see how a box with a 4 pixel #7D9337 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9337; -webkit-box-shadow:4px 4px  
4px 4px #7D9337; box-shadow:4px 4px 4px  
4px #7D9337 }
```

Background

The CSS property to change the background color of an element to Hex 7D9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9337 }
```

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

```
.background{ background-color:#7D9337 }
```

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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