

Converting Colors

Hex(797D31)

Have a look what the booklet for
Hex(797D31) contains.

Hex(797D31)	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(797D31)

Conversions

Conversions Part 1

Format	Color
Hex	797D31
RGB	121, 125, 49
RGB Percent	47%, 49%, 19%
CMY	0.5255, 0.5098, 0.8078
CMYK	0.03, 0.00, 0.61, 0.51
HSL	63°, 44%, 34%
HSV	63°, 61%, 49%
XYZ	15.7732, 18.9539, 5.7329
YIQ	115.1400, 22.0120, -24.4840

Conversions

Conversions Part 2

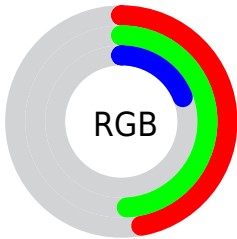
Format	Color
RYB	49, 125, 53
Decimal	7961905
CIELab	50.63, -12.45, 39.92
CIELCh	51, 41.819, 107.315
Yxy	18.9539, 0.3898, 0.4685
Android (android.graphics.Color)	4286151985 (0xFF797D31)
YUV	115.1400, -32.6070, 5.1392
Hunter-Lab	43.5361, -11.5176, 22.6679

Details

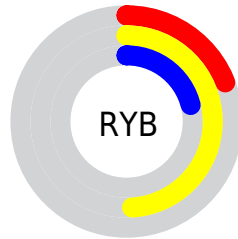
The Hex color **797D31** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **35317D**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **AFB163**, and **464C00** is the 20% darker color. If you saturate the color by 10%, you get **787D25**, and if you desaturate by 10%, it is **7A7D3E**.

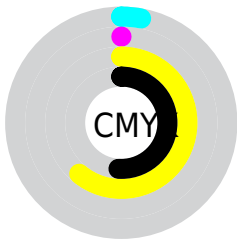
Distribution



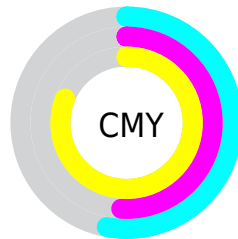
- Red (47%)
- Green (49%)
- Blue (19%)



- Red (19%)
- Yellow (49%)
- Blue (21%)



- Cyan (3%)
- Magenta (0%)
- Yellow (61%)
- Black (51%)



- Cyan (53%)
- Magenta (51%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 797D31 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 797D31 by changing the saturation by 10% instead.

 797D31

 797D31

FFFFFF

 5F6418

 AFB163

 464C00

 CBCD7C

 2E3600

 E8E997

 162000

 FFFFB2

 000400

 FFFFCE

 000000

 FFFFEA

 797D31

 797D31

 787D25

 7A7D3E

 787D18

 7A7D4A

 777D0C

 7B7D57

 767D00

 7C7D63

 7C7D70

 7D7D7C

 7E7D89

 7E7D95

 7F7DA2

Harmonies

Analogous

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



9A7131



797D31



508546

Triad

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



797D31



0088AC



B35C89

Complementary

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



797D31



35317D

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.



9567A9



797D31



0081BE

Square

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



797D31



008A8D



6175BD



BB5B65

Rectangle

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



797D31



29885C



6175BD



AB5F95

Sweetspot

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



797D31



A2A386



7D3531



515240



D1D1D1



525252

Same Dimension

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



797D31



9DA32C



537D31



3F4039



798000



000000

Inverse Universe

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



35317D



322CA3



5B317D



3A3940



070080



000000

Previews

White Background



This preview shows how the Hex color 797D31 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

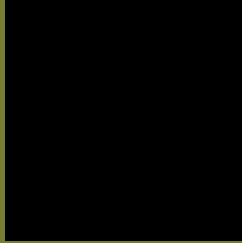
Any Text WCAG AA ✓ Pass

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 797D31 Background



This preview shows how black text looks on a background with the Hex color 797D31.



This preview shows how white text looks on a background with the Hex color 797D31.

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
797D31

Protanopia
867930

Deuteranopia
957334



Tritanopia
81757E

Trichromacy



Original Color
797D31

Protanomaly
817A30

Deuteranomaly
8B7733

Tritanomaly
7E7862

Monochromacy



Original Color
797D31

Achromatopsia
737373

Achromatomaly
75775B

CSS Examples

Text

The CSS property to change the color of the text to Hex 797D31 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 #797D31 looks like.

```
.text, #text, p{  
    color:#797D31  
}
```

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 #797D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797D31
}
```

Border

The CSS property to change the border of an element to Hex 797D31 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
#797D31 }
```

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

```
.border{ border-color:#797D31 }
```

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

Here you see how a box with a 4 pixel #797D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797D31; -webkit-box-shadow:4px 4px  
4px 4px #797D31; box-shadow:4px 4px 4px  
4px #797D31 }
```

Background

The CSS property to change the background color of an element to Hex 797D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797D31 }
```

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

```
.background{ background-color:#797D31 }
```

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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