

Converting Colors

Hex(7D7E12)

Have a look what the booklet for
Hex(7D7E12) contains.

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Color

Hex(7D7E12)

Conversions

Conversions Part 1

Format	Color
Hex	7D7E12
RGB	125, 126, 18
RGB Percent	49%, 49%, 7%
CMY	0.5098, 0.5059, 0.9294
CMYK	0.01, 0.00, 0.86, 0.51
HSL	61°, 75%, 28%
HSV	61°, 86%, 49%
XYZ	16.0275, 19.3254, 3.4577
YIQ	113.3890, 34.0720, -33.8000

Conversions

Conversions Part 2

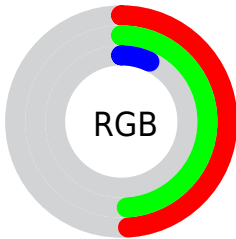
Format	Color
RYB	18, 126, 19
Decimal	8224274
CIELab	51.07, -12.84, 52.30
CIElCh	51, 53.850, 103.796
Yxy	19.3254, 0.4130, 0.4979
Android (android.graphics.Color)	4286414354 (0xFF7D7E12)
YUV	113.3890, -47.0268, 10.1828
Hunter-Lab	43.9606, -11.8522, 26.1090

Details

The Hex color **7D7E12** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **13127E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B5B24A**, and **494D00** is the 20% darker color. If you saturate the color by 10%, you get **7D7E05**, and if you desaturate by 10%, it is **7D7E1F**.

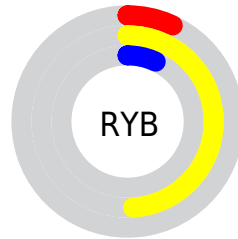
Distribution



Red (49%)

Green (49%)

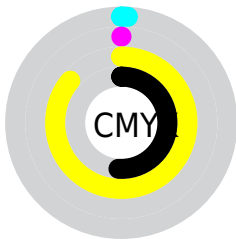
Blue (7%)



Red (7%)

Yellow (49%)

Blue (7%)

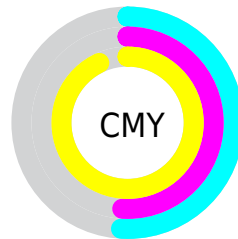


Cyan (1%)

Magenta (0%)

Yellow (86%)

Black (51%)



Cyan (51%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D7E12 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 7D7E12 by changing the saturation by 10% instead.

 7D7E12

 7D7E12

FFFFFF

 626500

 B5B24A

 494D00

 D1CE64

 2F3700

 EFEA7F

 162100

 FFFF9A

 000700

 FFFFB5

 000000

 FFFF D2

 FFFF EE

 7D7E12

 7D7E12

■ 7D7E05

■ 7D7E1F

■ 7D7E00

■ 7D7E2B

■ 7D7E38

■ 7D7E44

■ 7E7E51

■ 7E7E5E

■ 7E7E6A

■ 7E7E77

■ 7E7E83

Harmonies

Analogous

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



A56E1A



7D7E12



488832

Triad

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



7D7E12



008DB8



C05294

Complementary

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



7D7E12



13127E

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.



9764BC



7D7E12



0086D2

Square

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



7D7E12



008F8E



4578D3



CD4E66

Rectangle

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



7D7E12



008C4F



4578D3



B657A3

Sweetspot

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



7D7E12



A3A379



7E1212



515238



D1D1D1



525252

Same Dimension

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



7D7E12



A2A300



487E12



404039



7E8000



000000

Inverse Universe

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



13127E



0200A3



48127E



393940



010080



000000

Previews

White Background



This preview shows how the Hex color 7D7E12 looks on a white background.

Color Contrast Check

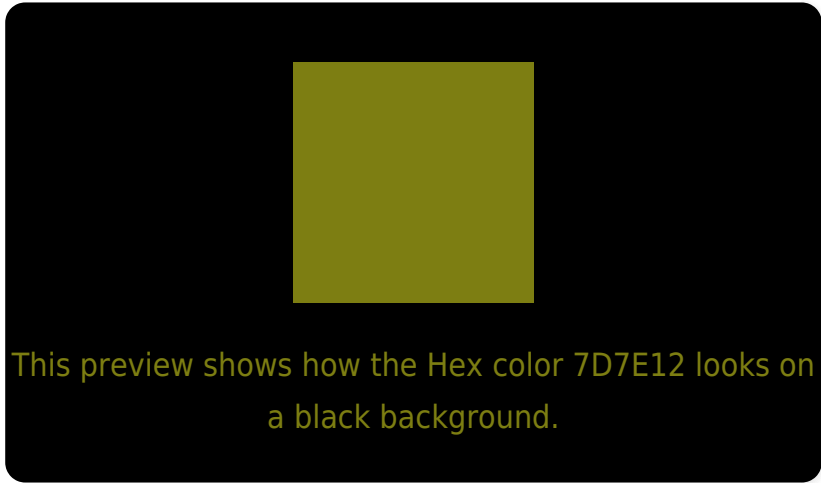
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D7E12 Background



This preview shows how black text looks on a background with the Hex color 7D7E12.



This preview shows how white text looks on a background with the Hex color 7D7E12.

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
7D7E12

Protanopia
897A11

Deuteranopia
99731A



Tritanopia
85757E

Trichromacy



Original Color
7D7E12

Protanomaly
857B11

Deuteranomaly
8F7717

Tritanomaly
827857

Monochromacy



Original Color
7D7E12

Achromatopsia
717171

Achromatomaly
75764E

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D7E12 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 #7D7E12 looks like.

```
.text, #text, p{  
    color:#7D7E12  
}
```

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 #7D7E12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D7E12
}
```

Border

The CSS property to change the border of an element to Hex 7D7E12 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
#7D7E12 }
```

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

```
.border{ border-color:#7D7E12 }
```

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

Here you see how a box with a 4 pixel #7D7E12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D7E12; -webkit-box-shadow:4px 4px  
4px 4px #7D7E12; box-shadow:4px 4px 4px  
4px #7D7E12 }
```

Background

The CSS property to change the background color of an element to Hex 7D7E12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D7E12 }
```

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

```
.background{ background-color:#7D7E12 }
```

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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