

Converting Colors

Hex(7D8710)

Have a look what the booklet for
Hex(7D8710) contains.

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Color

Hex(7D8710)

Conversions

Conversions Part 1

Format	Color
Hex	7D8710
RGB	125, 135, 16
RGB Percent	49%, 53%, 6%
CMY	0.5098, 0.4706, 0.9373
CMYK	0.07, 0.00, 0.88, 0.47
HSL	65°, 79%, 30%
HSV	65°, 88%, 53%
XYZ	17.2149, 21.7253, 3.7763
YIQ	118.4440, 32.2390, -39.1290

Conversions

Conversions Part 2

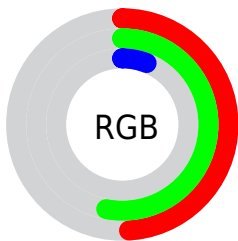
Format	Color
RYB	16, 135, 26
Decimal	8226576
CIELab	53.73, -17.68, 55.01
CIELCh	54, 57.782, 107.821
Yxy	21.7253, 0.4030, 0.5086
Android (android.graphics.Color)	4286416656 (0xFF7D8710)
YUV	118.4440, -50.5049, 5.7496
Hunter-Lab	46.6104, -15.6417, 27.8237

Details

The Hex color **7D8710** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **1A1087**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B5BC4B**, and **485500** is the 20% darker color. If you saturate the color by 10%, you get **7C8702**, and if you desaturate by 10%, it is **7E871D**.

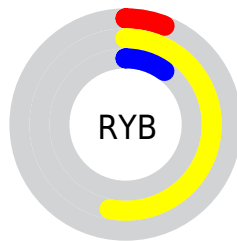
Distribution



Red (49%)

Green (53%)

Blue (6%)



Red (6%)

Yellow (53%)

Blue (10%)

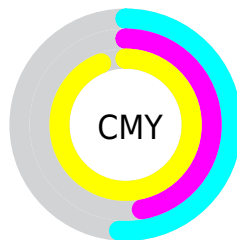


Cyan (7%)

Magenta (0%)

Yellow (88%)

Black (47%)



Cyan (51%)

Magenta (47%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D8710 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 7D8710 by changing the saturation by 10% instead.



7D8710



7D8710

FFFFFF



626E00



B5BC4B



485500



D1D865



2E3E00



EFF480



152800



FFFF9B



001500



FFFFB7



000000



FFFFD3



FFFFF0



7D8710



7D8710

■ 7C8702

■ 7E871D

■ 7C8700

■ 7F872B

■ 808739

■ 828746

■ 838754

■ 848761

■ 85876E

■ 86877C

■ 87878A

Harmonies

Analogous

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



AA7712



7D8710



409139

Triad

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



7D8710



0095C9



D05297

Complementary

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



7D8710



1A1087

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.



A866C4



7D8710



008CE2

Square

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



7D8710



00989D



577CE0



DA5165

Rectangle

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



7D8710



009559



577CE0



C658A7

Sweetspot

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



7D8710



ACB082



871A10



57593E



D9D9D9



595959

Same Dimension

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



7D8710



A1B000



428710



42423C



778200



020300

Inverse Universe

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



1A1087



0F00B0



551087



3C3C42



0B0082



000003

Previews

White Background



This preview shows how the Hex color 7D8710 looks on a white background.

Color Contrast Check

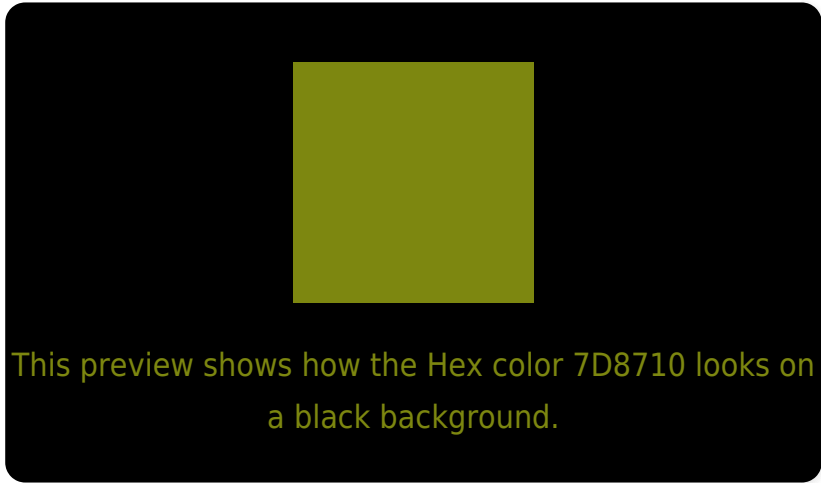
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D8710 Background



This preview shows how black text looks on a background with the Hex color 7D8710.



This preview shows how white text looks on a background with the Hex color 7D8710.

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
7D8710

Protanopia
91810E

Deuteranopia
A27A1A



Tritanopia
877E87

Trichromacy



Original Color
7D8710

Protanomaly
8A830F

Deuteranomaly
957F16

Tritanomaly
83815C

Monochromacy



Original Color
7D8710

Achromatopsia
767676

Achromatomaly
797C51

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D8710 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 #7D8710 looks like.

```
.text, #text, p{  
    color:#7D8710  
}
```

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 #7D8710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D8710
}
```

Border

The CSS property to change the border of an element to Hex 7D8710 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
#7D8710 }
```

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

```
.border{ border-color:#7D8710 }
```

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

Here you see how a box with a 4 pixel #7D8710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D8710; -webkit-box-shadow:4px 4px  
4px 4px #7D8710; box-shadow:4px 4px 4px  
4px #7D8710 }
```

Background

The CSS property to change the background color of an element to Hex 7D8710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D8710 }
```

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

```
.background{ background-color:#7D8710 }
```

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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