

Converting Colors

Hex(7D9700)

Have a look what the booklet for
Hex(7D9700) contains.

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Color

Hex(7D9700)

Conversions

Conversions Part 1

Format	Color
Hex	7D9700
RGB	125, 151, 0
RGB Percent	49%, 59%, 0%
CMY	0.5098, 0.4078, 1.0000
CMYK	0.17, 0.00, 1.00, 0.41
HSL	70°, 100%, 30%
HSV	70°, 100%, 59%
XYZ	19.5241, 26.4932, 4.0847
YIQ	126.0120, 32.9750, -52.4730

Conversions

Conversions Part 2

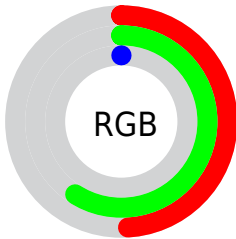
Format	Color
RYB	0, 151, 26
Decimal	8230656
CIELab	58.50, -26.11, 61.50
CIELCh	59, 66.815, 113.006
Yxy	26.4932, 0.3897, 0.5288
Android (android.graphics.Color)	4286420736 (0xFF7D9700)
YUV	126.0120, -62.1239, -0.8875
Hunter-Lab	51.4715, -22.3670, 31.3249

Details

The Hex color **7D9700** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **1A0097**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **B5CD47**, and **476400** is the 20% darker color. If you saturate the color by 10%, you get **7D9700**, and if you desaturate by 10%, it is **80970F**.

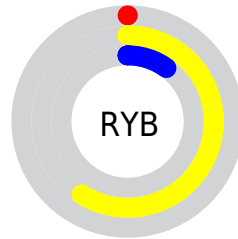
Distribution



Red (49%)

Green (59%)

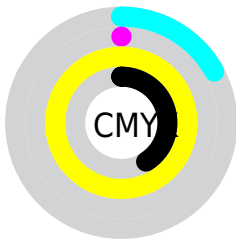
Blue (0%)



Red (0%)

Yellow (59%)

Blue (10%)

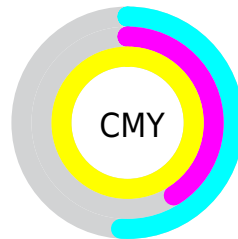


Cyan (17%)

Magenta (0%)

Yellow (100%)

Black (41%)



Cyan (51%)

Magenta (41%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7D9700 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 7D9700 by changing the saturation by 10% instead.

 7D9700

 7D9700

FFFFFF

 627D00

 B5CD47

 476400

 D2E963

 2C4C00

 F0FF7E

 0F3500

 FFFF9A

 002100

 FFFFB6

 000000

 FFFFD2

 FFFFEE

 7D9700

 80970F

 82971E

 85972D

 87973C

 8A974C

 8D975B

 8F976A

 929779

 949788

Harmonies

Analogous

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



B48500



7D9700



26A241

Triad

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



7D9700



00A3EA



EE519D

Complementary

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



7D9700



1A0097

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.



C568D4



7D9700



0098FF

Square

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



7D9700



00A7B9



6F83F9



F35563

Rectangle

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



7D9700



00A668



6F83F9



E457B0

Sweetspot

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



7D9700



BAC489



971900



5D6340



E3E3E3



636363

Same Dimension

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



7D9700



A3C400



329700



4B4D45



748C00



0B0D00

Inverse Universe

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



1A0097



2200C4



650097



46454D



18008C



02000D

Previews

White Background



This preview shows how the Hex color 7D9700 looks on a white background.

Color Contrast Check

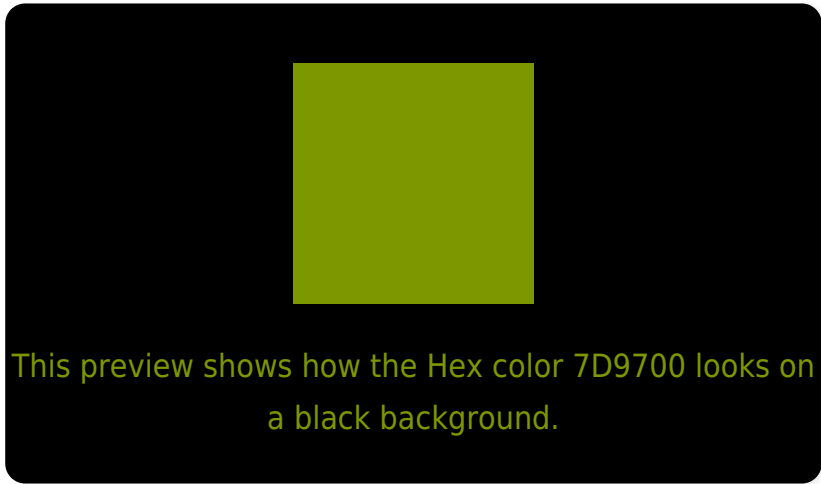
Large Text (above 18pt) WCAG AA ✓ Pass

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 7D9700 Background



This preview shows how black text looks on a background with the Hex color 7D9700.



This preview shows how white text looks on a background with the Hex color 7D9700.

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





Tritanopia
898C97

Trichromacy



Original Color
7D9700

Protanomaly
929100

Deuteranomaly
9E8C11

Tritanomaly
859060

Monochromacy



Original Color
7D9700

Achromatopsia
7E7E7E

Achromatomaly
7E8750

CSS Examples

Text

The CSS property to change the color of the text to Hex 7D9700 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 #7D9700 looks like.

```
.text, #text, p{  
    color:#7D9700  
}
```

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 #7D9700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D9700
}
```

Border

The CSS property to change the border of an element to Hex 7D9700 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
#7D9700 }
```

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

```
.border{ border-color:#7D9700 }
```

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

Here you see how a box with a 4 pixel #7D9700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D9700; -webkit-box-shadow:4px 4px  
4px 4px #7D9700; box-shadow:4px 4px 4px  
4px #7D9700 }
```

Background

The CSS property to change the background color of an element to Hex 7D9700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D9700 }
```

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

```
.background{ background-color:#7D9700 }
```

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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