

Converting Colors

Hex(227900)

Have a look what the booklet for
Hex(227900) contains.

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Color

Hex(227900)

Conversions

Conversions Part 1

Format	Color
Hex	227900
RGB	34, 121, 0
RGB Percent	13%, 47%, 0%
CMY	0.8667, 0.5255, 1.0000
CMYK	0.72, 0.00, 1.00, 0.53
HSL	103°, 100%, 24%
HSV	103°, 100%, 47%
XYZ	7.4971, 14.0148, 2.3100
YIQ	81.1930, -13.0110, -56.0750

Conversions

Conversions Part 2

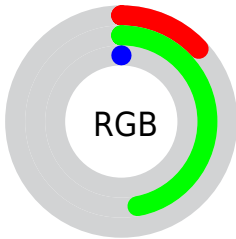
Format	Color
RYB	0, 121, 87
Decimal	2259200
CIELab	44.25, -45.29, 48.52
CIELCh	44, 66.370, 133.025
Yxy	14.0148, 0.3147, 0.5883
Android (android.graphics.Color)	4280449280 (0xFF227900)
YUV	81.1930, -40.0281, -41.3883
Hunter-Lab	37.4364, -29.7670, 22.5470

Details

The Hex color **227900** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **570079**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **5EAE3E**, and **004700** is the 20% darker color. If you saturate the color by 10%, you get **227900**, and if you desaturate by 10%, it is **2B790C**.

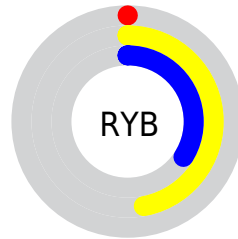
Distribution



Red (13%)

Green (47%)

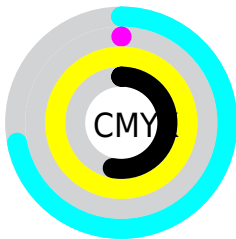
Blue (0%)



Red (0%)

Yellow (47%)

Blue (34%)

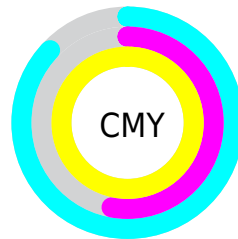


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (53%)



Cyan (87%)

Magenta (53%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227900 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 227900 by changing the saturation by 10% instead.

 227900

 227900

FFFFFFE

 006000

 5EAE3E

 004700

 7ACA58

 003000

 96E772

 001700

 B2FF8D

 000000

 CFFFA8

 ECFFC4

 FFFFE1

 227900

 2B790C

 337918

 3C7924

 457930

 4D793C

 567949

 5F7955

 687961

 70796D

Harmonies

Analogous

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



696E00



227900



007F46

Triad

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



227900



0078D3



C82153

Complementary

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



227900



570079

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.



BA2C8A



227900



0068D6

Square

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



227900



007FB3



874DBA



BA3E1E

Rectangle

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



227900



00806D



874DBA



C71F66

Sweetspot

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



227900



7C9E6F



795700



3B4F33



CFCFCF



4F4F4F

Same Dimension

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



227900



2C9E00



00791A



393D37



237D00



47FC00

Inverse Universe

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



570079



72009E



79005F



3B373D



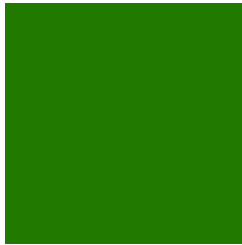
5A007D



B600FC

Previews

White Background



This preview shows how the Hex color 227900 looks on a white background.

Color Contrast Check

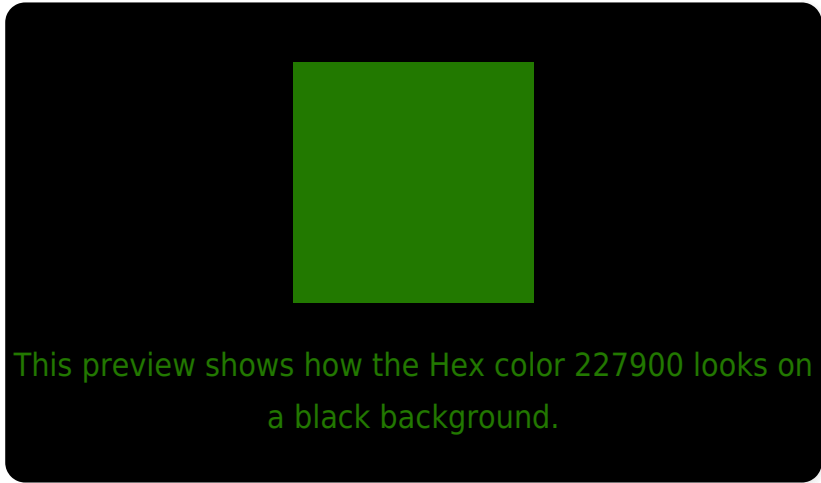
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

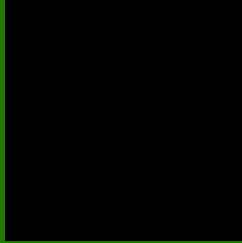
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 227900 Background



This preview shows how black text looks on a background with the Hex color 227900.



This preview shows how white text looks on a background with the Hex color 227900.

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
227900

Protanopia
766800

Deuteranopia
83631A



Tritanopia
3B707A

Trichromacy



Original Color
227900

Protanomaly
576E00

Deuteranomaly
606B11

Tritanomaly
32734E

Monochromacy



Original Color
227900

Achromatopsia
515151

Achromatomaly
406034

CSS Examples

Text

The CSS property to change the color of the text to Hex 227900 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 #227900 looks like.

```
.text, #text, p{  
    color:#227900  
}
```

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 #227900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227900
}
```

Border

The CSS property to change the border of an element to Hex 227900 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
#227900 }
```

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

```
.border{ border-color:#227900 }
```

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

Here you see how a box with a 4 pixel #227900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227900; -webkit-box-shadow:4px 4px  
4px 4px #227900; box-shadow:4px 4px 4px  
4px #227900 }
```

Background

The CSS property to change the background color of an element to Hex 227900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227900 }
```

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

```
.background{ background-color:#227900 }
```

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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