

Converting Colors

Hex(427D00)

Have a look what the booklet for
Hex(427D00) contains.

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Color

Hex(427D00)

Conversions

Conversions Part 1

Format	Color
Hex	427D00
RGB	66, 125, 0
RGB Percent	26%, 49%, 0%
CMY	0.7412, 0.5098, 1.0000
CMYK	0.47, 0.00, 1.00, 0.51
HSL	88°, 100%, 25%
HSV	88°, 100%, 49%
XYZ	9.5804, 15.8255, 2.5497
YIQ	93.1090, 4.9610, -51.3830

Conversions

Conversions Part 2

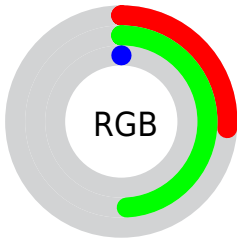
Format	Color
RYB	0, 125, 59
Decimal	4357376
CIELab	46.74, -37.76, 50.96
CIELCh	47, 63.425, 126.535
Yxy	15.8255, 0.3427, 0.5661
Android (android.graphics.Color)	4282547456 (0xFF427D00)
YUV	93.1090, -45.9027, -23.7746
Hunter-Lab	39.7813, -26.6297, 24.0468

Details

The Hex color **427D00** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3B007D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **78B240**, and **024B00** is the 20% darker color. If you saturate the color by 10%, you get **427D00**, and if you desaturate by 10%, it is **487D0C**.

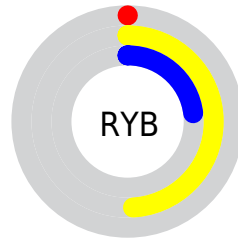
Distribution



Red (26%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (23%)

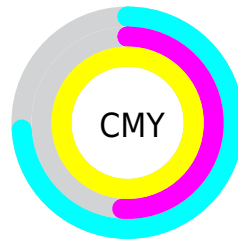


Cyan (47%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (74%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 427D00 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 427D00 by changing the saturation by 10% instead.

 427D00

 427D00

FFFFFF

 266400

 78B240

 024B00

 94CE5A

 003400

 B0EA74

 001F00

 CCFF8F

 000000

 EAFFAB

 FFFFC7

 FFFF E3

 427D00

 487D0C

 4E7D19

 547D26

 5A7D32

 607D3F

 657D4B

 6B7D57

 717D64

 777D71

Harmonies

Analogous

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



7C7000



427D00



008442

Triad

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



427D00



0080D1



CC3065

Complementary

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



427D00



3B007D

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.



B63E9A



427D00



0072DA

Square

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



427D00



0086AD



7D5BC5



C44232

Rectangle

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



427D00



008667



7D5BC5



C83177

Sweetspot

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



427D00



8CA372



7D3A00



445234



D1D1D1



525252

Same Dimension

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



427D00



56A300



047D00



3D4039



438000



000000

Inverse Universe

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



3B007D



4D00A3



79007D



3C3940



3C0080



000000

Previews

White Background



This preview shows how the Hex color 427D00 looks on a white background.

Color Contrast Check

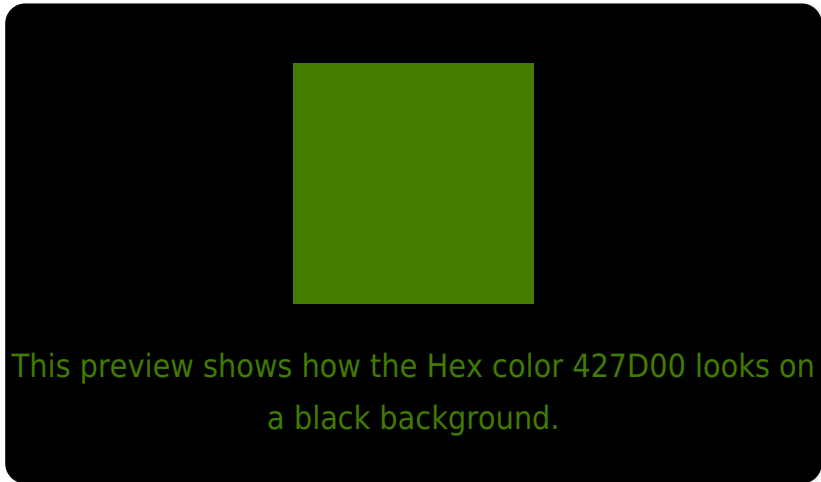
Large Text (above 18pt) WCAG AA ✓ Pass

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 427D00 Background



This preview shows how black text looks on a background with the Hex color 427D00.



This preview shows how white text looks on a background with the Hex color 427D00.

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
427D00

Protanopia
7D6F00

Deuteranopia
8B6919



Tritanopia
52747E

Trichromacy



Original Color
427D00

Protanomaly
687400

Deuteranomaly
707010

Tritanomaly
4C7750

Monochromacy



Original Color
427D00

Achromatopsia
5D5D5D

Achromatomaly
53693B

CSS Examples

Text

The CSS property to change the color of the text to Hex 427D00 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 #427D00 looks like.

```
.text, #text, p{  
    color:#427D00  
}
```

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 #427D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #427D00
}
```

Border

The CSS property to change the border of an element to Hex 427D00 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".

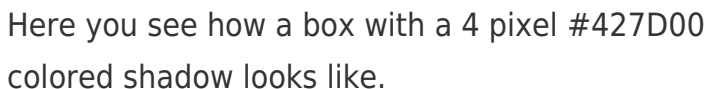
```
.border, #border, table{ border:4px solid
#427D00 }
```

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

```
.border{ border-color:#427D00 }
```

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

Here you see how a box with a 4 pixel #427D00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #427D00; -webkit-box-shadow:4px 4px  
4px 4px #427D00; box-shadow:4px 4px 4px  
4px #427D00 }
```

Background

The CSS property to change the background color of an element to Hex 427D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#427D00 }
```

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

```
.background{ background-color:#427D00 }
```

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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