

Converting Colors

Hex(4C7400)

Have a look what the booklet for
Hex(4C7400) contains.

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Color

Hex(4C7400)

Conversions

Conversions Part 1

Format	Color
Hex	4C7400
RGB	76, 116, 0
RGB Percent	30%, 45%, 0%
CMY	0.7020, 0.5451, 1.0000
CMYK	0.34, 0.00, 1.00, 0.55
HSL	81°, 100%, 23%
HSV	81°, 100%, 45%
XYZ	9.2259, 14.0273, 2.2213
YIQ	90.8160, 13.3960, -44.5560

Conversions

Conversions Part 2

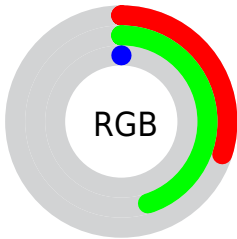
Format	Color
RYB	0, 116, 40
Decimal	5010432
CIELab	44.27, -30.01, 49.27
CIELCh	44, 57.687, 121.342
Yxy	14.0273, 0.3622, 0.5506
Android (android.graphics.Color)	4283200512 (0xFF4C7400)
YUV	90.8160, -44.7723, -12.9936
Hunter-Lab	37.4530, -21.5725, 22.7007

Details

The Hex color **4C7400** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **280074**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **81A83E**, and **174300** is the 20% darker color. If you saturate the color by 10%, you get **4C7400**, and if you desaturate by 10%, it is **50740C**.

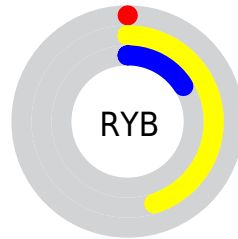
Distribution



Red (30%)

Green (45%)

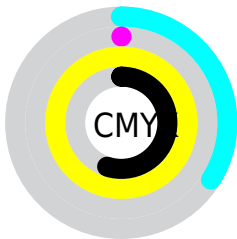
Blue (0%)



Red (0%)

Yellow (45%)

Blue (16%)

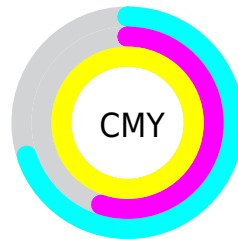


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (55%)



Cyan (70%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C7400 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 4C7400 by changing the saturation by 10% instead.



4C7400



4C7400

FFFFFFD



325B00



81A83E



174300



9DC458



002D00



B8E072



001800



D5FC8C



000000



F2FFA8



FFFFC4



FFFFE0



4C7400

 50740C

 547417

 587423

 5C742E

 60743A

 647446

 687451

 6C745D

 707468

Harmonies

Analogous

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



7C6700



4C7400



007B38

Triad

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



4C7400



0079BD



BB3369

Complementary

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



4C7400



280074

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.



A34398



4C7400



006EC9

Square

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



4C7400



007E9A



695BBB



B93E3A

Rectangle

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



4C7400



007D59



695BBB



B73679

Sweetspot

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



4C7400



879669



742700



434D31



CCCCCC



4D4D4D

Same Dimension

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



4C7400



639600



137400



393B35



507A00



A4FA00

Inverse Universe

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



280074



340096



610074



37353B



2A007A



5600FA

Previews

White Background



This preview shows how the Hex color 4C7400 looks on a white background.

Color Contrast Check

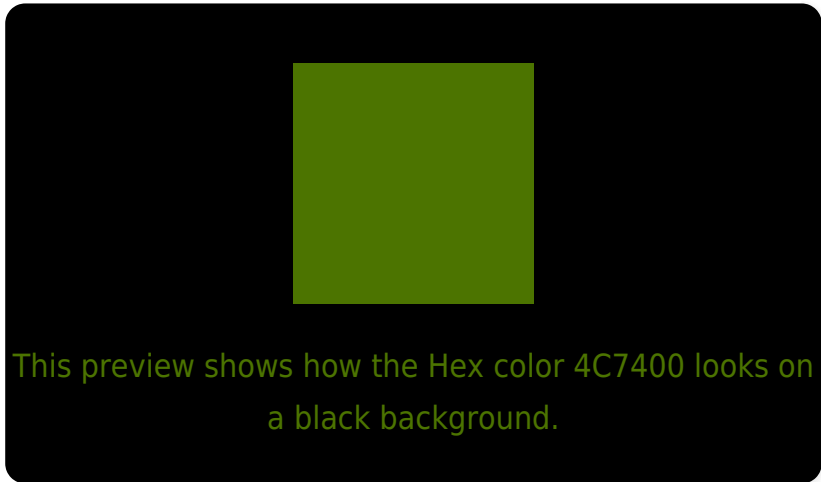
Large Text (above 18pt) WCAG AA ✓ Pass

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 4C7400 Background



This preview shows how black text looks on a background with the Hex color 4C7400.



This preview shows how white text looks on a background with the Hex color 4C7400.

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
4C7400

Deuteranopia
846316

Tritanopia
586C74

Trichromacy



Original Color
4C7400

Deuteranomaly
70690E

Tritanomaly
546F4A

Monochromacy



Original Color
4C7400

Achromatopsia
5B5B5B

Achromatomaly
56643A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C7400 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 #4C7400 looks like.

```
.text, #text, p{  
    color:#4C7400  
}
```

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 #4C7400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C7400
}
```

Border

The CSS property to change the border of an element to Hex 4C7400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

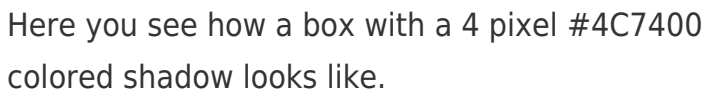
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C7400 }
```

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

```
.border{ border-color:#4C7400 }
```

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

A rectangular box with a 4px #4C7400 colored shadow. The box is white with a thin black border and a thick green shadow on the right and bottom sides.

Here you see how a box with a 4 pixel #4C7400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C7400; -webkit-box-shadow:4px 4px  
4px 4px #4C7400; box-shadow:4px 4px 4px  
4px #4C7400 }
```

Background

The CSS property to change the background color of an element to Hex 4C7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C7400 }
```

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

```
.background{ background-color:#4C7400 }
```

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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