

Converting Colors

Hex(474D01)

Have a look what the booklet for
Hex(474D01) contains.

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Color

Hex(474D01)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 474D01 |
| RGB | 71, 77, 1 |
| RGB Percent | 28%, 30%, 0% |
| CMY | 0.7216, 0.6980, 0.9961 |
| CMYK | 0.08, 0.00, 0.99, 0.70 |
| HSL | 65°, 97%, 15% |
| HSV | 65°, 99%, 30% |
| XYZ | 5.2579, 6.6495, 1.0351 |
| YIQ | 66.5420, 20.8200, -24.9080 |

Conversions

Conversions Part 2

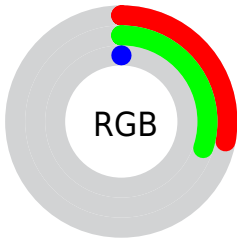
| Format | Color |
|-------------------------------------|------------------------------|
| R_YB | 1, 77, 7 |
| Decimal | 4672769 |
| CIE Lab | 31.00, -12.05, 38.66 |
| CIE LCh | 31, 40.494, 107.315 |
| Yxy | 6.6495, 0.4062, 0.5138 |
| Android (android.graphics.Color) | 4282862849 (0xFF474D01) |
| YUV | 66.5420, -32.3122, 3.9097 |
| Hunter-Lab | 25.7867, -8.7307, 15.6708 |

Details

The Hex color **474D01** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **07014D**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **7A7E35**, and **172100** is the 20% darker color. If you saturate the color by 10%, you get **474D00**, and if you desaturate by 10%, it is **484D09**.

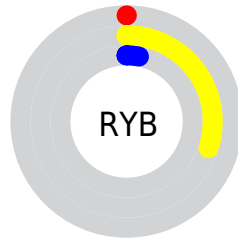
Distribution



Red (28%)

Green (30%)

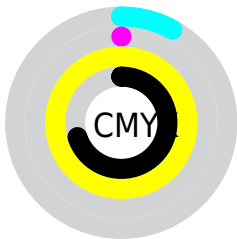
Blue (0%)



Red (0%)

Yellow (30%)

Blue (3%)

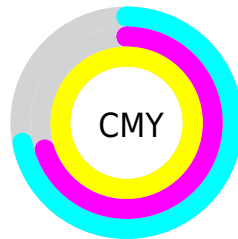


Cyan (8%)

Magenta (0%)

Yellow (99%)

Black (70%)



Cyan (72%)

Magenta (70%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474D01 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 474D01 by changing the saturation by 10% instead.

 474D01

 474D01

 FFFFEE

 303600

 7A7E35

 172100

 95984D

 000700

 B0B266

 000000

 CCCE80

 E9EA9A

 FFFFB5

 FFFF D1

 474D01

 474D01

■ 474D00

■ 484D09

■ 484D10

■ 494D18

■ 494D20

■ 4A4D28

■ 4B4D2F

■ 4B4D37

■ 4C4D3F

■ 4C4D46

Harmonies

Analogous

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



634302



474D01



20541B

Triad

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



474D01



005677



7B2B58

Complementary

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



474D01



07014D

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.



613874



474D01



005087

Square

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



474D01



00585B



2C4686



822A38

Rectangle

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



474D01



00562F



2C4686



752F62

Sweetspot

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



474D01



616346



4D0601



323321



B3B3B3



333333

Same Dimension

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



474D01



5C6300



224D01



262622



5E6600



D3E600

Inverse Universe

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



07014D



080063



2C014D



232226



080066



1200E6

Previews

White Background



This preview shows how the Hex color 474D01 looks on a white background.

Color Contrast Check

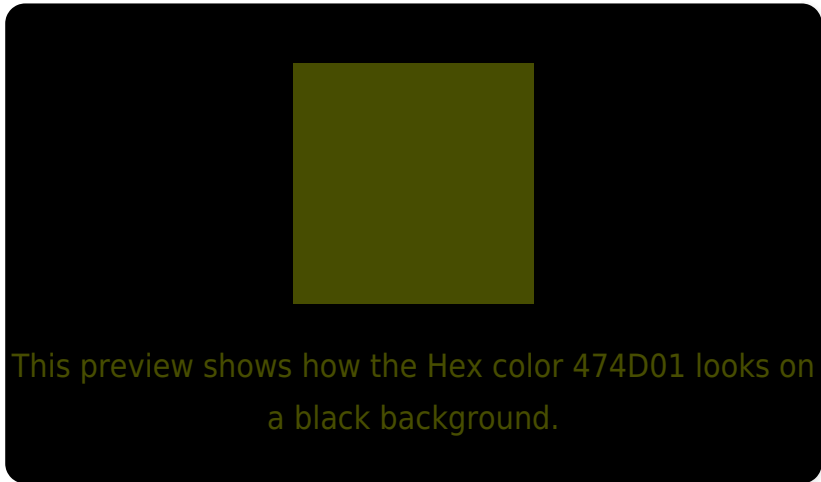
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

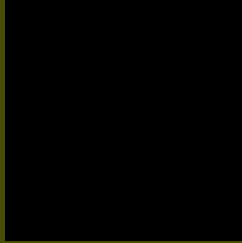
Any Text WCAG AA × Fail

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 474D01 Background



This preview shows how black text looks on a background with the Hex color 474D01.



This preview shows how white text looks on a background with the Hex color 474D01.

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
474D01

Protanopia
524900

Deuteranopia
5C450D



Tritanopia
4D484D

Trichromacy



Original Color
474D01

Protanomaly
4E4A00

Deuteranomaly
544809

Tritanomaly
4B4A31

Monochromacy



Original Color
474D01

Achromatopsia
434343

Achromatomaly
44472B

CSS Examples

Text

The CSS property to change the color of the text to Hex 474D01 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 #474D01 looks like.

```
.text, #text, p{  
    color:#474D01  
}
```

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 #474D01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474D01
}
```

Border

The CSS property to change the border of an element to Hex 474D01 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
#474D01 }
```

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

```
.border{ border-color:#474D01 }
```

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

Here you see how a box with a 4 pixel #474D01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474D01; -webkit-box-shadow:4px 4px  
4px 4px #474D01; box-shadow:4px 4px 4px  
4px #474D01 }
```

Background

The CSS property to change the background color of an element to Hex 474D01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474D01 }
```

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

```
.background{ background-color:#474D01 }
```

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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