

Converting Colors

Hex(4C6401)

Have a look what the booklet for
Hex(4C6401) contains.

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Color

Hex(4C6401)

Conversions

Conversions Part 1

Format	Color
Hex	4C6401
RGB	76, 100, 1
RGB Percent	30%, 39%, 0%
CMY	0.7020, 0.6078, 0.9961
CMYK	0.24, 0.00, 0.99, 0.61
HSL	75°, 98%, 20%
HSV	75°, 99%, 39%
XYZ	7.5431, 10.6530, 1.6874
YIQ	81.5380, 17.4750, -35.8770

Conversions

Conversions Part 2

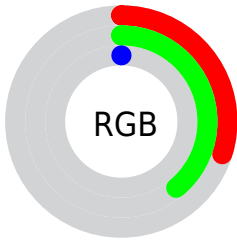
Format	Color
R_{YB}	1, 100, 25
Decimal	5006337
CIE Lab	38.99, -22.16, 44.95
CIE LCh	39, 50.111, 116.240
Yxy	10.6530, 0.3794, 0.5358
Android (android.graphics.Color)	4283196417 (0xFF4C6401)
YUV	81.5380, -39.7052, -4.8568
Hunter-Lab	32.6390, -15.8654, 19.7821

Details

The Hex color **4C6401** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **190164**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **80973A**, and **1A3500** is the 20% darker color. If you saturate the color by 10%, you get **4C6400**, and if you desaturate by 10%, it is **4E640B**.

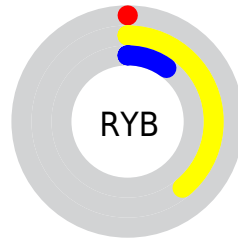
Distribution



Red (30%)

Green (39%)

Blue (0%)



Red (0%)

Yellow (39%)

Blue (10%)

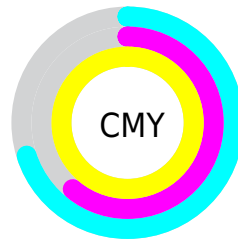


Cyan (24%)

Magenta (0%)

Yellow (99%)

Black (61%)



Cyan (70%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C6401 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 4C6401 by changing the saturation by 10% instead.

 4C6401

 4C6401

 FFFFF8

 334C00

 80973A

 1A3500

 9BB254

 002100

 B7CD6D

 000000

 D3E988

 F0FFA3

 FFFFBE

 FFFFDB

 4C6401

 4C6401

■ 4C6400

■ 4E640B

■ 516415

■ 53641F

■ 566429

■ 586433

■ 5B643D

■ 5D6447

■ 5F6451

■ 62645B

Harmonies

Analogous

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



735800



4C6401



006B2B

Triad

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



4C6401



006B9F



A13163

Complementary

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



4C6401



190164

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.



88408A



4C6401



0062AD

Square

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



4C6401



006E7F



5053A5



A2363A

Rectangle

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



4C6401



006D47



5053A5



9B3470

Sweetspot

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



4C6401



79825B



641801



3D422A



C2C2C2



424242

Same Dimension

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



4C6401



638200



1B6401



32332E



577300



B8F200

Inverse Universe

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



190164



200082



4A0164



2F2E33



1C0073



3B00F2

Previews

White Background



This preview shows how the Hex color 4C6401 looks on a white background.

Color Contrast Check

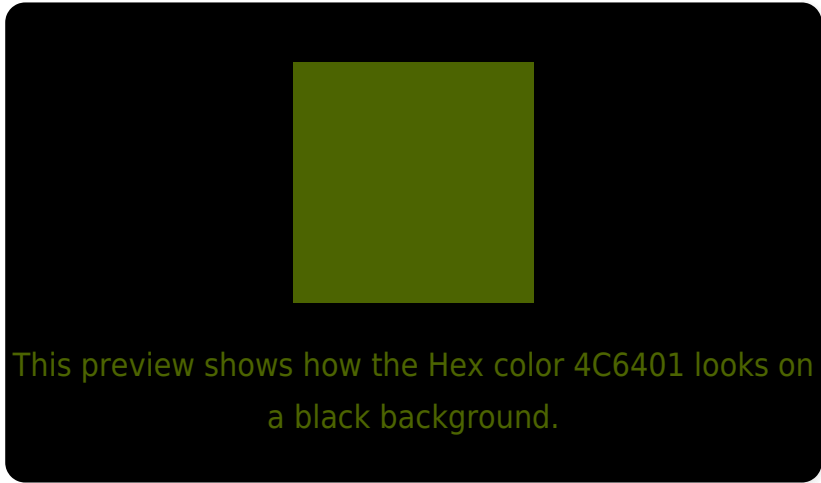
Large Text (above 18pt) WCAG AA ✓ Pass

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

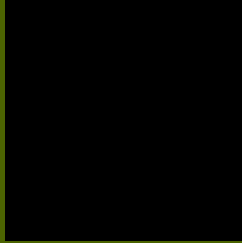
Any Text WCAG AA × Fail

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 4C6401 Background



This preview shows how black text looks on a background with the Hex color 4C6401.



This preview shows how white text looks on a background with the Hex color 4C6401.

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](#).

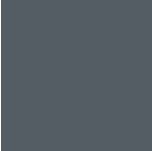
Dichromacy



Original Color
4C6401

Protanopia
685C00

Deuteranopia
745712



Tritanopia
555D64

Trichromacy



Original Color
4C6401

Protanomaly
5E5F00

Deuteranomaly
655C0C

Tritanomaly
526040

Monochromacy



Original Color
4C6401

Achromatopsia
525252

Achromatomaly
505935

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C6401 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 #4C6401 looks like.

```
.text, #text, p{  
    color:#4C6401  
}
```

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 #4C6401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C6401
}
```

Border

The CSS property to change the border of an element to Hex 4C6401 is called "border". The border property can be set on classes, ids or directly on the HTML element.

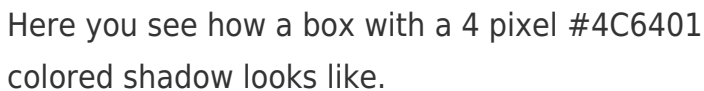
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C6401 }
```

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

```
.border{ border-color:#4C6401 }
```

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

A rectangular box with a 4px #4C6401 colored shadow. The box is white with a thin black border and a thick #4C6401 shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #4C6401 colored shadow looks like." data-bbox="137 528 766 585"/>

Here you see how a box with a 4 pixel #4C6401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C6401; -webkit-box-shadow:4px 4px  
4px 4px #4C6401; box-shadow:4px 4px 4px  
4px #4C6401 }
```

Background

The CSS property to change the background color of an element to Hex 4C6401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C6401 }
```

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

```
.background{ background-color:#4C6401 }
```

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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