

Converting Colors

Hex(4C4D11)

Have a look what the booklet for
Hex(4C4D11) contains.

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Color

Hex(4C4D11)

Conversions

Conversions Part 1

Format	Color
Hex	4C4D11
RGB	76, 77, 17
RGB Percent	30%, 30%, 7%
CMY	0.7020, 0.6980, 0.9333
CMYK	0.01, 0.00, 0.78, 0.70
HSL	61°, 64%, 18%
HSV	61°, 78%, 30%
XYZ	5.7355, 6.8847, 1.5569
YIQ	69.8610, 18.6640, -18.8720

Conversions

Conversions Part 2

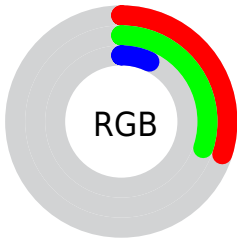
Format	Color
RYB	17, 77, 18
Decimal	5000465
CIELab	31.54, -8.81, 33.43
CIElCh	32, 34.569, 104.765
Yxy	6.8847, 0.4046, 0.4856
Android (android.graphics.Color)	4283190545 (0xFF4C4D11)
YUV	69.8610, -26.0605, 5.3839
Hunter-Lab	26.2388, -6.8994, 14.8491

Details

The Hex color **4C4D11** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **12114D**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **7F7E40**, and **1D2100** is the 20% darker color. If you saturate the color by 10%, you get **4C4D09**, and if you desaturate by 10%, it is **4C4D19**.

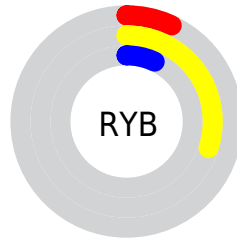
Distribution



Red (30%)

Green (30%)

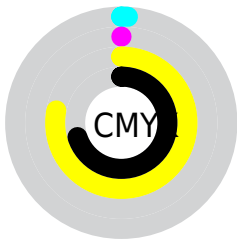
Blue (7%)



Red (7%)

Yellow (30%)

Blue (7%)

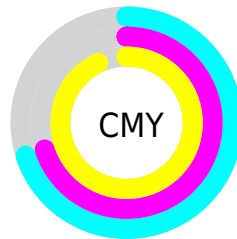


Cyan (1%)

Magenta (0%)

Yellow (78%)

Black (70%)



Cyan (70%)

Magenta (70%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C4D11 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 4C4D11 by changing the saturation by 10% instead.

 4C4D11

 4C4D11

 FFFFFB

 343600

 7F7E40

 1D2100

 9A9858

 000B00

 B5B272

 000000

 D1CE8C

 EEEAA6

 FFFFC2

 FFFFDE

 4C4D11

 4C4D11

■ 4C4D09

■ 4C4D19

■ 4C4D02

■ 4C4D20

■ 4C4D00

■ 4C4D28

■ 4D4D30

■ 4D4D37

■ 4D4D3F

■ 4D4D47

■ 4D4D4F

■ 4D4D56

Harmonies

Analogous

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



644413



4C4D11



2D5322

Triad

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



4C4D11



005670



753459

Complementary

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



4C4D11



12114D

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.



5D3D71



4C4D11



00517E

Square

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



4C4D11



005757



31497F



7C323E

Rectangle

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



4C4D11



095632



31497F



6F3662

Sweetspot

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



4C4D11



63634D



4D1211



333325



B3B3B3



333333

Same Dimension

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



4C4D11



626306



2E4D11



262622



646600



E2E600

Inverse Universe

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



12114D



080663



30114D



222226



020066



0400E6

Previews

White Background



This preview shows how the Hex color 4C4D11 looks on a white background.

Color Contrast Check

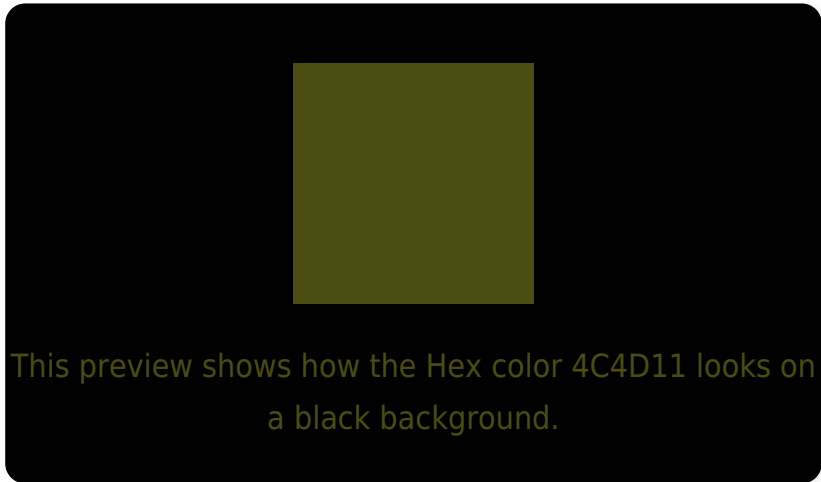
Large Text (above 18pt) WCAG AA ✓ Pass

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

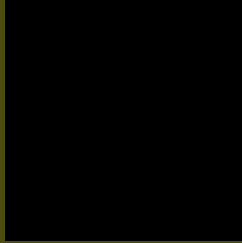
Any Text WCAG AA × Fail

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 4C4D11 Background



This preview shows how black text looks on a background with the Hex color 4C4D11.



This preview shows how white text looks on a background with the Hex color 4C4D11.

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](#).

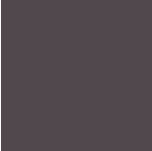
Dichromacy



Original Color
4C4D11

Protanopia
544A10

Deuteranopia
5D4714



Tritanopia
51484D

Trichromacy



Original Color
4C4D11

Protanomaly
514B10

Deuteranomaly
574913

Tritanomaly
4F4A37

Monochromacy



Original Color
4C4D11

Achromatopsia
464646

Achromatomaly
484933

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C4D11 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 #4C4D11 looks like.

```
.text, #text, p{  
    color:#4C4D11  
}
```

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 #4C4D11 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C4D11
}
```

Border

The CSS property to change the border of an element to Hex 4C4D11 is called "border". The border property can be set on classes, ids or directly on the HTML element.

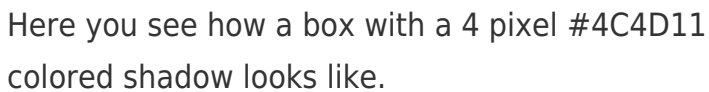
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C4D11 }
```

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

```
.border{ border-color:#4C4D11 }
```

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



Here you see how a box with a 4 pixel #4C4D11 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C4D11; -webkit-box-shadow:4px 4px  
4px 4px #4C4D11; box-shadow:4px 4px 4px  
4px #4C4D11 }
```

Background

The CSS property to change the background color of an element to Hex 4C4D11 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C4D11 }
```

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

```
.background{ background-color:#4C4D11 }
```

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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