

Converting Colors

Hex(4C8451)

Have a look what the booklet for
Hex(4C8451) contains.

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Color

Hex(4C8451)

Conversions

Conversions Part 1

Format	Color
Hex	4C8451
RGB	76, 132, 81
RGB Percent	30%, 52%, 32%
CMY	0.7020, 0.4824, 0.6824
CMYK	0.42, 0.00, 0.39, 0.48
HSL	125°, 27%, 41%
HSV	125°, 42%, 52%
XYZ	12.7170, 18.6331, 10.7109
YIQ	109.4420, -17.0050, -27.7330

Conversions

Conversions Part 2

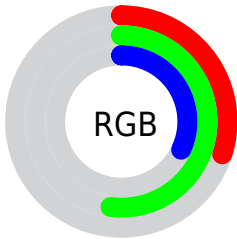
Format	Color
RYB	76, 127, 132
Decimal	5014609
CIELab	50.26, -29.85, 21.91
CIElCh	50, 37.028, 143.724
Yxy	18.6331, 0.3023, 0.4430
Android (android.graphics.Color)	4283204689 (0xFF4C8451)
YUV	109.4420, -14.0219, -29.3286
Hunter-Lab	43.1661, -22.9536, 15.5045

Details

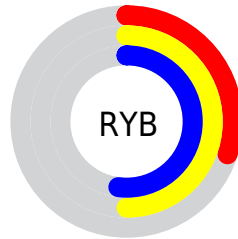
The Hex color **4C8451** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **844C7F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **80BA83**, and **195223** is the 20% darker color. If you saturate the color by 10%, you get **3F8445**, and if you desaturate by 10%, it is **59845D**.

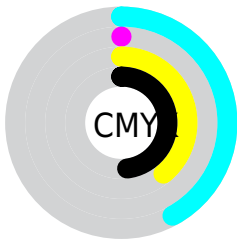
Distribution



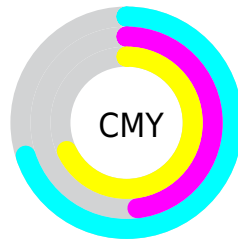
- Red (30%)
- Green (52%)
- Blue (32%)



- Red (30%)
- Yellow (50%)
- Blue (52%)



- Cyan (42%)
- Magenta (0%)
- Yellow (39%)
- Black (48%)



- Cyan (70%)
- Magenta (48%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8451 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 4C8451 by changing the saturation by 10% instead.



4C8451



4C8451

FFFFFF



336A3A



80BA83



195223



9BD59D



003A0E



B6F2B8



002500



D2FFD4



000200



FFFFFF0



000000



4C8451



4C8451



3F8445



59845D



328439



668469

 24842D

 748475

 178421

 818481

 0A8415

 8E848D

 00840C

 9B8499

 A884A5

 B684B1

 C384BD

Harmonies

Analogous

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



727D3C



4C8451



078770

Triad

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



4C8451



307DB6



B35F60

Complementary

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



4C8451



844C7F

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.



AF5E80



4C8451



7072B1

Square

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



4C8451



0084AA



98669D



A86846

Rectangle

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



4C8451



008885



98669D



B35E6A

Sweetspot

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



4C8451



95AB97



7F844C



49574A



D6D6D6



575757

Same Dimension

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



4C8451



54AB5B



4C846D



3C423C



00820C



000300

Inverse Universe

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



844C7F



AB54A3



844C63



423C42



820076



030002

Previews

White Background



This preview shows how the Hex color 4C8451 looks on a white background.

Color Contrast Check

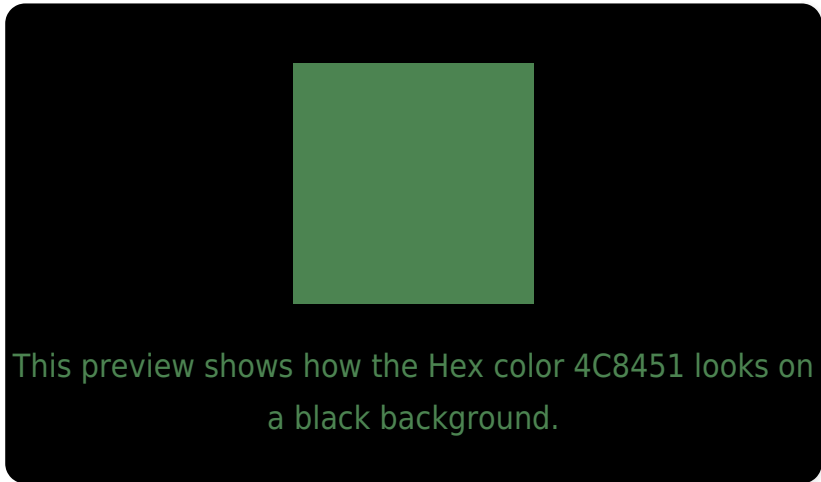
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

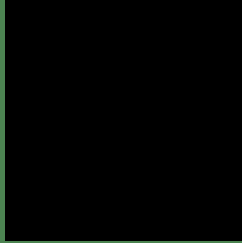
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4C8451 Background



This preview shows how black text looks on a background with the Hex color 4C8451.




This preview shows how white text looks on a background with the Hex color 4C8451.

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





Tritanopia
577D88

Trichromacy



Original Color
4C8451

Protanomaly
6E7C4E

Deuteranomaly
757954

Tritanomaly
538074

Monochromacy



Original Color
4C8451

Achromatopsia
6D6D6D

Achromatomaly
617563

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8451 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 #4C8451 looks like.

```
.text, #text, p{  
    color:#4C8451  
}
```

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 #4C8451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8451
}
```

Border

The CSS property to change the border of an element to Hex 4C8451 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
#4C8451 }
```

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

```
.border{ border-color:#4C8451 }
```

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

Here you see how a box with a 4 pixel #4C8451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8451; -webkit-box-shadow:4px 4px  
4px 4px #4C8451; box-shadow:4px 4px 4px  
4px #4C8451 }
```

Background

The CSS property to change the background color of an element to Hex 4C8451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8451 }
```

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

```
.background{ background-color:#4C8451 }
```

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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