

Converting Colors

Hex(4C8415)

Have a look what the booklet for
Hex(4C8415) contains.

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Color

Hex(4C8415)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4C8415 |
| RGB | 76, 132, 21 |
| RGB Percent | 30%, 52%, 8% |
| CMY | 0.7020, 0.4824, 0.9176 |
| CMYK | 0.42, 0.00, 0.84, 0.48 |
| HSL | 90°, 73%, 30% |
| HSV | 90°, 84%, 52% |
| XYZ | 11.3671, 18.0932, 3.6027 |
| YIQ | 102.6020, 2.2550, -46.3930 |

Conversions

Conversions Part 2

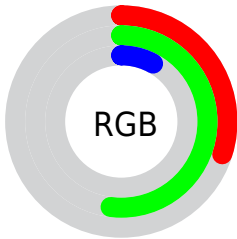
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 21, 132, 77 |
| Decimal | 5014549 |
| CIE _{Lab} | 49.61, -36.45, 48.91 |
| CIE _{LCh} | 50, 61.002, 126.697 |
| Yxy | 18.0932, 0.3438, 0.5472 |
| Android (android.graphics.Color) | 4283204629 (0xFF4C8415) |
| YUV | 102.6020, -40.2298, -23.3300 |
| Hunter-Lab | 42.5361, -26.7367, 24.7535 |

Details

The Hex color **4C8415** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **4D1584**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **82BA4C**, and **145200** is the 20% darker color. If you saturate the color by 10%, you get **458408**, and if you desaturate by 10%, it is **538422**.

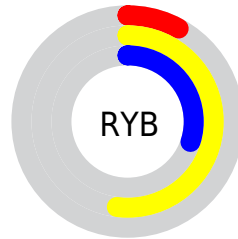
Distribution



Red (30%)

Green (52%)

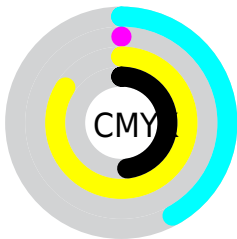
Blue (8%)



Red (8%)

Yellow (52%)

Blue (30%)

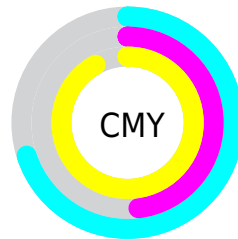


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (48%)



Cyan (70%)

Magenta (48%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8415 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 4C8415 by changing the saturation by 10% instead.



4C8415



4C8415

FFFFFF



316A00



82BA4C



145200



9ED566



003A00



BAF280



002600



D6FF9B



000000



F4FFB7



FFFFD3



FFFFF0



4C8415



4C8415

■ 458408

■ 538422

■ 418400

■ 59842F

■ 60843D

■ 67844A

■ 6D8457

■ 748464

■ 7B8471

■ 81847F

■ 88848C

Harmonies

Analogous

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



837700



4C8415



008B4A

Triad

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



4C8415



0086D5



D13E6D

Complementary

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



4C8415



4D1584

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.



BC49A0



4C8415



0078DE

Square

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



4C8415



008CB3



8563CA



CA4C3B

Rectangle

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



4C8415



008D6E



8563CA



CE3F7E

Sweetspot

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



4C8415



95AB80



844D15



4A573D



D6D6D6



575757

Same Dimension

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



4C8415



55AB00



158415



3F423C



408200



010300

Inverse Universe

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



4D1584



5600AB



841584



3F3C42



420082



010003

Previews

White Background



This preview shows how the Hex color 4C8415 looks on a white background.

Color Contrast Check

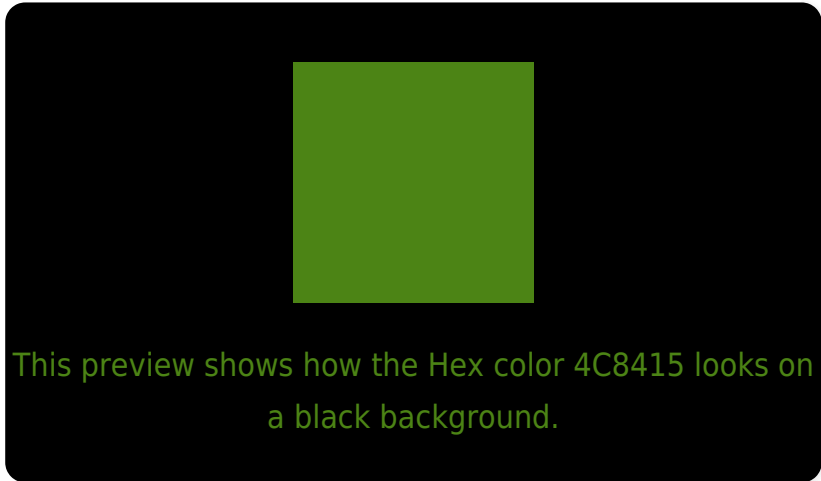
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 4C8415 Background



This preview shows how black text looks on a background with the Hex color 4C8415.



This preview shows how white text looks on a background with the Hex color 4C8415.

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
4C8415

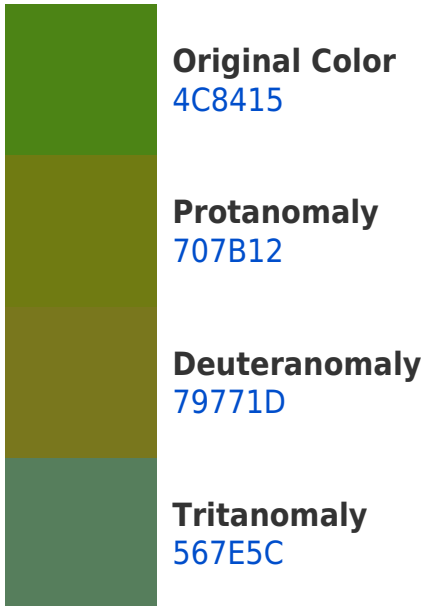
Protanopia
847611

Deuteranopia
936F21



Tritanopia
5B7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8415 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 #4C8415 looks like.

```
.text, #text, p{  
    color:#4C8415  
}
```

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 #4C8415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8415
}
```

Border

The CSS property to change the border of an element to Hex 4C8415 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
#4C8415 }
```

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

```
.border{ border-color:#4C8415 }
```

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

Here you see how a box with a 4 pixel #4C8415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8415; -webkit-box-shadow:4px 4px  
4px 4px #4C8415; box-shadow:4px 4px 4px  
4px #4C8415 }
```

Background

The CSS property to change the background color of an element to Hex 4C8415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8415 }
```

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

```
.background{ background-color:#4C8415 }
```

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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