

Converting Colors

Hex(4C1449)

Have a look what the booklet for
Hex(4C1449) contains.

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Color

Hex(4C1449)

Conversions

Conversions Part 1

Format	Color
Hex	4C1449
RGB	76, 20, 73
RGB Percent	30%, 8%, 29%
CMY	0.7020, 0.9216, 0.7137
CMYK	0.00, 0.74, 0.04, 0.70
HSL	303°, 58%, 19%
HSV	303°, 74%, 30%
XYZ	4.4332, 2.5179, 6.5557
YIQ	42.7860, 16.3630, 28.3550

Conversions

Conversions Part 2

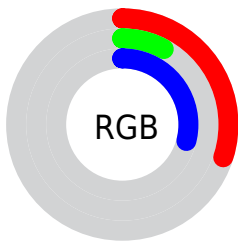
Format	Color
R_{YB}	76, 20, 73
Decimal	4985929
CIE _{Lab}	18.00, 33.43, -19.77
CIE _{LCh}	18, 38.842, 329.406
Yxy	2.5179, 0.3282, 0.1864
Android (android.graphics.Color)	4283176009 (0xFF4C1449)
YUV	42.7860, 14.8955, 29.1287
Hunter-Lab	15.8677, 22.1021, -13.3879

Details

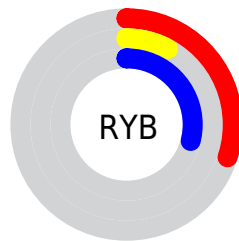
The Hex color **4C1449** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **144C17**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **7F447A**, and **1F001D** is the 20% darker color. If you saturate the color by 10%, you get **4C0C49**, and if you desaturate by 10%, it is **4C1C49**.

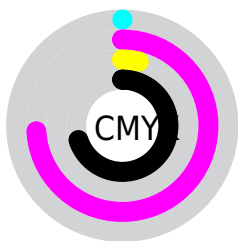
Distribution



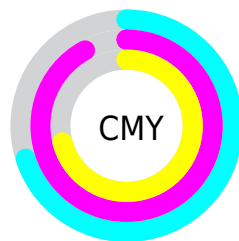
- Red (30%)
- Green (8%)
- Blue (29%)



- Red (30%)
- Yellow (8%)
- Blue (29%)



- Cyan (0%)
- Magenta (74%)
- Yellow (4%)
- Black (70%)



- Cyan (70%)
- Magenta (92%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1449 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 4C1449 by changing the saturation by 10% instead.

■ 4C1449

■ 4C1449

FFFFFF

■ 340032

■ 7F447A

■ 1F001D

■ 9A5D94

■ 000000

■ B576AE

■ D191CA

■ EEACE6

■ FFC7FF

■ FFE4FF

■ 4C1449

■ 4C1449

■ 4C0C49

■ 4C1C49

■ 4C0548

■ 4C234A

■ 4C0048

■ 4C2B4A

■ 4C324B

■ 4C3A4B

■ 4C424B

■ 4C494C

■ 4C514C

■ 4C584D

Harmonies

Analogous

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



26255D



4C1449



5B052E

Triad

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



4C1449



382B00



003847

Complementary

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



4C1449



144C17

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.



00382B



4C1449



1D3200

Square

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



4C1449



4D1E00



00360C



00365C

Rectangle

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



4C1449



5C081B



00360C



00383E

Sweetspot

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



4C1449



634E62



17144C



332632



B3B3B3



333333

Same Dimension

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



4C1449



630C5F



4C142D



262226



660061



E600D9

Inverse Universe

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



4C1449



630C5F



144C33



262226



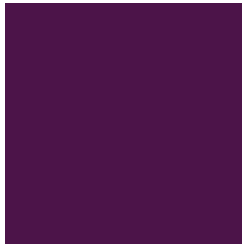
660061



E600D9

Previews

White Background



This preview shows how the Hex color 4C1449 looks on a white background.

Color Contrast Check

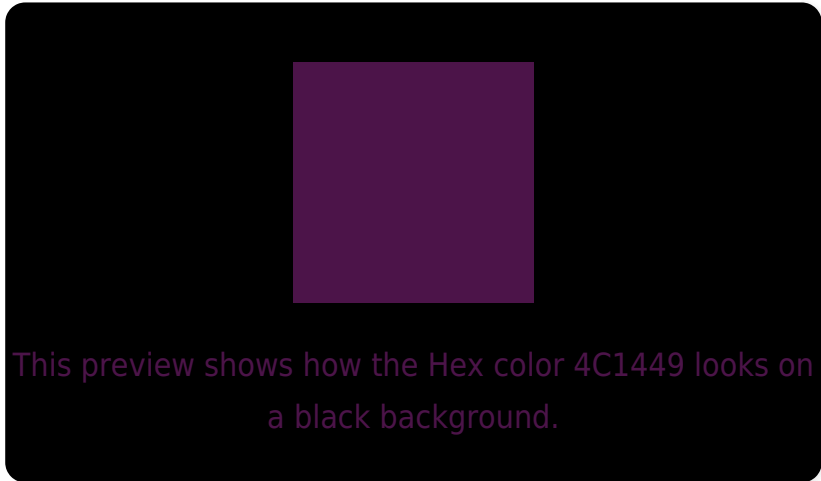
Large Text (above 18pt) WCAG AA ✓ Pass

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

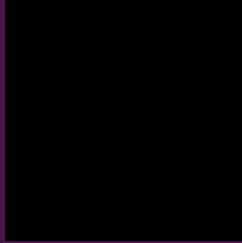
Any Text WCAG AA × Fail

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 4C1449 Background



This preview shows how black text looks on a background with the Hex color 4C1449.



This preview shows how white text looks on a background with the Hex color 4C1449.

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
4C1449

Protanopia
002C5E

Deuteranopia
222D45



Tritanopia
482124

Trichromacy



Original Color
4C1449

Protanomaly
1C2356

Deuteranomaly
312446

Tritanomaly
491C31

Monochromacy



Original Color
4C1449

Achromatopsia
2B2B2B

Achromatomaly
372336

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1449 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 #4C1449 looks like.

```
.text, #text, p{  
    color:#4C1449  
}
```

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 #4C1449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1449
}
```

Border

The CSS property to change the border of an element to Hex 4C1449 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
#4C1449 }
```

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

```
.border{ border-color:#4C1449 }
```

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

Here you see how a box with a 4 pixel #4C1449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1449; -webkit-box-shadow:4px 4px  
4px 4px #4C1449; box-shadow:4px 4px 4px  
4px #4C1449 }
```

Background

The CSS property to change the background color of an element to Hex 4C1449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1449 }
```

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

```
.background{ background-color:#4C1449 }
```

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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