

Converting Colors

Hex(4C1459)

Have a look what the booklet for
Hex(4C1459) contains.

| | |
|--|----|
| Hex(4C1459) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(4C1459)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 4C1459 |
| RGB | 76, 20, 89 |
| RGB Percent | 30%, 8%, 35% |
| CMY | 0.7020, 0.9216, 0.6510 |
| CMYK | 0.15, 0.78, 0.00, 0.65 |
| HSL | 289°, 63%, 21% |
| HSV | 289°, 78%, 35% |
| XYZ | 5.0338, 2.7581, 9.7182 |
| YIQ | 44.6100, 11.2270, 33.3310 |

Conversions

Conversions Part 2

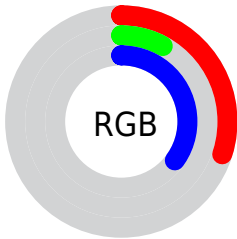
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 76, 20, 89 |
| Decimal | 4985945 |
| CIE Lab | 19.05, 36.70, -28.95 |
| CIE LCh | 19, 46.746, 321.731 |
| Yxy | 2.7581, 0.2875, 0.1575 |
| Android (android.graphics.Color) | 4283176025 (0xFF4C1459) |
| YUV | 44.6100, 21.8843, 27.5290 |
| Hunter-Lab | 16.6075, 25.0413, -23.0697 |

Details

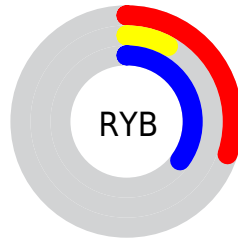
The Hex color **4C1459** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **215914**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7F458C**, and **20002B** is the 20% darker color. If you saturate the color by 10%, you get **4A0B59**, and if you desaturate by 10%, it is **4E1D59**.

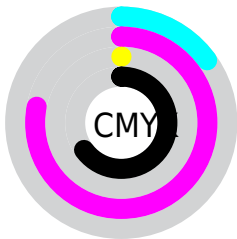
Distribution



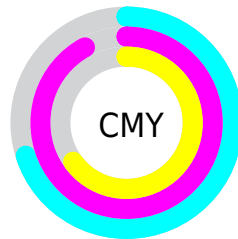
- Red (30%)
- Green (8%)
- Blue (35%)



- Red (30%)
- Yellow (8%)
- Blue (35%)



- Cyan (15%)
- Magenta (78%)
- Yellow (0%)
- Black (65%)



- Cyan (70%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C1459 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 4C1459 by changing the saturation by 10% instead.

 4C1459

 4C1459


FFFFFF

 330041

 7F458C

 20002B

 9A5EA6

 000115

 B677C1

 000000

 D292DD

 EFADFA

 FFC9FF

 FFE5FF

 4C1459

 4C1459

■ 4A0B59

■ 4E1D59

■ 490259

■ 4F2659

■ 480059

■ 512F59

■ 533859

■ 544159

■ 564959

■ 585259

■ 595B59

■ 5B6459

Harmonies

Analogous

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



002A6F



4C1459



640039

Triad

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



4C1459



422A00



003C47

Complementary

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



4C1459



215914

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.



003B23



4C1459



233400

Square

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



4C1459



5A1700



003900



003B64

Rectangle

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



4C1459



670023



003900



003C3B

Sweetspot

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



4C1459



6E5873



142259



382A3B



BABABA



3B3B3B

Same Dimension

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



4C1459



5F0873



591444



2B272B



57006B



BE00EB

Inverse Universe

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



591421



73081C



145929



2B2728



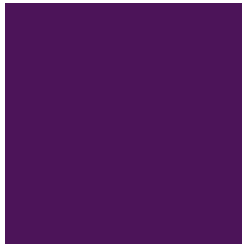
6B0014



EB002C

Previews

White Background



This preview shows how the Hex color 4C1459 looks on a white background.

Color Contrast Check

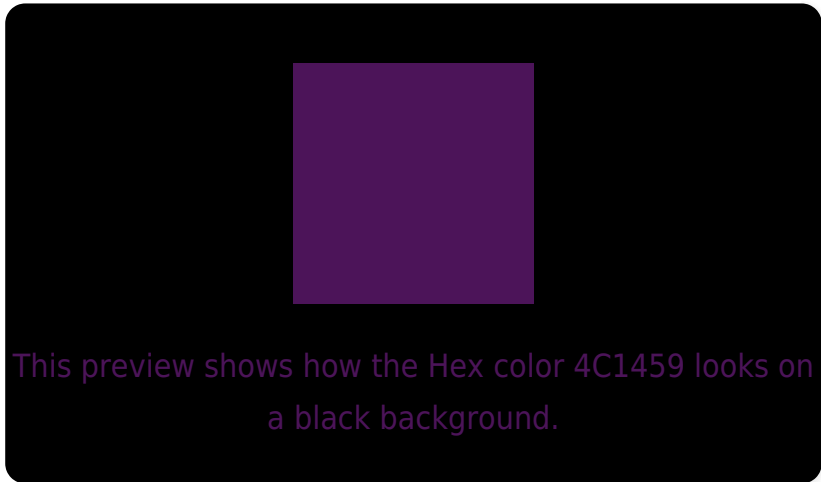
Large Text (above 18pt) WCAG AA ✓ Pass

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

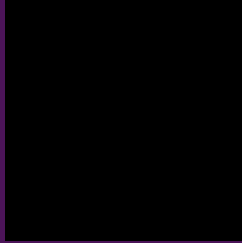
Any Text WCAG AA × Fail

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 4C1459 Background



This preview shows how black text looks on a background with the Hex color 4C1459.



This preview shows how white text looks on a background with the Hex color 4C1459.

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
4C1459

Protanopia
002E62

Deuteranopia
103154



Tritanopia
462729

Trichromacy



Original Color
4C1459

Protanomaly
1C255F

Deuteranomaly
262656

Tritanomaly
48203A

Monochromacy



Original Color
4C1459

Achromatopsia
2D2D2D

Achromatomaly
38243D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C1459 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 #4C1459 looks like.

```
.text, #text, p{  
    color:#4C1459  
}
```

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 #4C1459 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C1459
}
```

Border

The CSS property to change the border of an element to Hex 4C1459 is called "border". The border property can be set on classes, ids or directly on the HTML element.

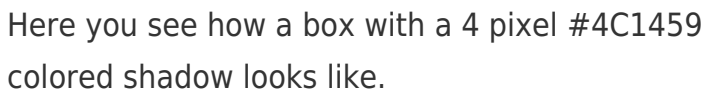
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C1459 }
```

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

```
.border{ border-color:#4C1459 }
```

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



Here you see how a box with a 4 pixel #4C1459 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C1459; -webkit-box-shadow:4px 4px  
4px 4px #4C1459; box-shadow:4px 4px 4px  
4px #4C1459 }
```

Background

The CSS property to change the background color of an element to Hex 4C1459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C1459 }
```

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

```
.background{ background-color:#4C1459 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor