

Converting Colors

Hex(4C2247)

Have a look what the booklet for
Hex(4C2247) contains.

Hex(4C2247)	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(4C2247)

Conversions

Conversions Part 1

Format	Color
Hex	4C2247
RGB	76, 34, 71
RGB Percent	30%, 13%, 28%
CMY	0.7020, 0.8667, 0.7216
CMYK	0.00, 0.55, 0.07, 0.70
HSL	307°, 38%, 22%
HSV	307°, 55%, 30%
XYZ	4.6898, 3.1355, 6.3193
YIQ	50.7760, 13.1550, 20.4110

Conversions

Conversions Part 2

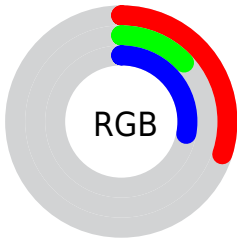
Format	Color
R_YB	76, 34, 71
Decimal	4989511
CIE Lab	20.58, 25.72, -14.37
CIE LCh	21, 29.465, 330.816
Yxy	3.1355, 0.3316, 0.2217
Android (android.graphics.Color)	4283179591 (0xFF4C2247)
YUV	50.7760, 9.9704, 22.1214
Hunter-Lab	17.7073, 16.2886, -8.7639

Details

The Hex color **4C2247** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **224C27**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **7E5078**, and **22001C** is the 20% darker color. If you saturate the color by 10%, you get **4C1A46**, and if you desaturate by 10%, it is **4C2A48**.

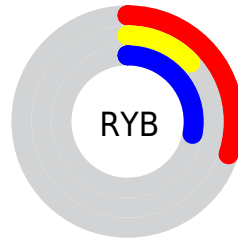
Distribution



Red (30%)

Green (13%)

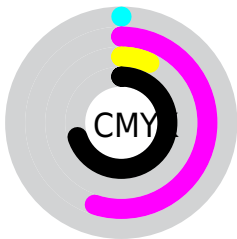
Blue (28%)



Red (30%)

Yellow (13%)

Blue (28%)

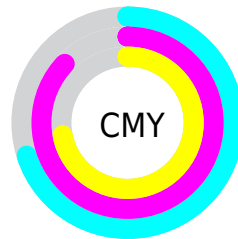


Cyan (0%)

Magenta (55%)

Yellow (7%)

Black (70%)



Cyan (70%)

Magenta (87%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2247 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 4C2247 by changing the saturation by 10% instead.

■ 4C2247

■ 4C2247

FFFFFF

■ 340B30

■ 7E5078

■ 22001C

■ 996991

■ 000000

■ B483AC

■ D09DC7

■ ECB8E3

■ FFD4FF

■ FFF0FF

■ 4C2247

■ 4C2247

■ 4C1A46

■ 4C2A48

■ 4C1345

■ 4C3149

■ 4C0B44

■ 4C394A

■ 4C0443

■ 4C404B

■ 4C0043

■ 4C484C

■ 4C504C

■ 4C574D

■ 4C5F4E

■ 4C664F

Harmonies

Analogous

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



322C57



4C2247



581C32

Triad

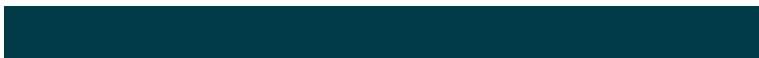
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4C2247



3C3100



003B47

Complementary

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



4C2247



224C27

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.



003C32



4C2247



263708

Square

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



4C2247



4D280A



023A1B



003957

Rectangle

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



4C2247



581E24



023A1B



003C40

Sweetspot

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



4C2247



635361



27224C



332932



B3B3B3



333333

Same Dimension

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



4C2247



63225C



4C2232



262226



66005A



E600CA

Inverse Universe

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



4C2247



63225C



224C3C



262226



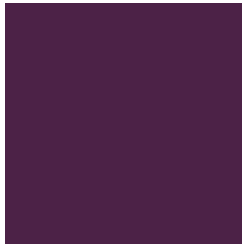
66005A



E600CA

Previews

White Background



This preview shows how the Hex color 4C2247 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

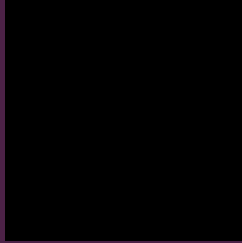
Any Text WCAG AA × Fail

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 4C2247 Background



This preview shows how black text looks on a background with the Hex color 4C2247.



This preview shows how white text looks on a background with the Hex color 4C2247.

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
4C2247

Protanopia
243154

Deuteranopia
2D3244



Tritanopia
49292C

Trichromacy



Original Color
4C2247

Protanomaly
332C4F

Deuteranomaly
382C45

Tritanomaly
4A2636

Monochromacy



Original Color
4C2247

Achromatopsia
333333

Achromatomaly
3C2D3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2247 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 #4C2247 looks like.

```
.text, #text, p{  
    color:#4C2247  
}
```

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 #4C2247 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2247
}
```

Border

The CSS property to change the border of an element to Hex 4C2247 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
#4C2247 }
```

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

```
.border{ border-color:#4C2247 }
```

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

Here you see how a box with a 4 pixel #4C2247 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2247; -webkit-box-shadow:4px 4px  
4px 4px #4C2247; box-shadow:4px 4px 4px  
4px #4C2247 }
```

Background

The CSS property to change the background color of an element to Hex 4C2247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2247 }
```

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

```
.background{ background-color:#4C2247 }
```

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