

Converting Colors

Hex(4C3047)

Have a look what the booklet for
Hex(4C3047) contains.

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Color

Hex(4C3047)

Conversions

Conversions Part 1

Format	Color
Hex	4C3047
RGB	76, 48, 71
RGB Percent	30%, 19%, 28%
CMY	0.7020, 0.8118, 0.7216
CMYK	0.00, 0.37, 0.07, 0.70
HSL	311°, 23%, 24%
HSV	311°, 37%, 30%
XYZ	5.1748, 4.1053, 6.4809
YIQ	58.9940, 9.3050, 13.0890

Conversions

Conversions Part 2

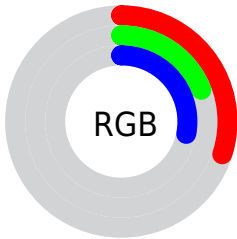
Format	Color
R_YB	76, 48, 71
Decimal	4993095
CIE Lab	24.02, 17.02, -9.09
CIE LCh	24, 19.297, 331.882
Yxy	4.1053, 0.3283, 0.2605
Android (android.graphics.Color)	4283183175 (0xFF4C3047)
YUV	58.9940, 5.9190, 14.9143
Hunter-Lab	20.2616, 10.1306, -4.7814

Details

The Hex color **4C3047** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **304C35**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **7D5F77**, and **20021C** is the 20% darker color. If you saturate the color by 10%, you get **4C2846**, and if you desaturate by 10%, it is **4C3848**.

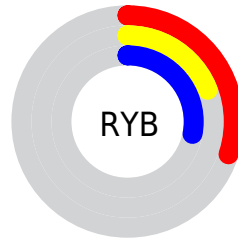
Distribution



Red (30%)

Green (19%)

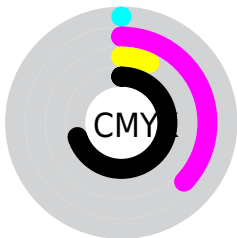
Blue (28%)



Red (30%)

Yellow (19%)

Blue (28%)

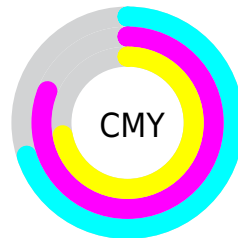


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (70%)



Cyan (70%)

Magenta (81%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C3047 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 4C3047 by changing the saturation by 10% instead.

■ 4C3047

■ 4C3047

FFFFFF

■ 351B31

■ 7D5F77

■ 20021C

■ 987791

■ 000000

■ B291AC

■ CEACC7

■ EAC7E3

■ FFE3FF

■ 4C3047

■ 4C3047

■ 4C2846

■ 4C3848

■ 4C2144

■ 4C3F4A

■ 4C1943

■ 4C474B

■ 4C1242

■ 4C4E4C

■ 4C0A40

■ 4C564E

■ 4C023F

■ 4C5E4F

■ 4C003E

■ 4C6551

■ 4C6D52

■ 4C7453

Harmonies

Analogous

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



3C3552



4C3047



542E39

Triad

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



4C3047



41391C



004048

Complementary

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



4C3047



304C35

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.



09413A



4C3047



323D20

Square

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



4C3047



4D3320



21402B



043E52

Rectangle

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



4C3047



552E2F



21402B



004143

Sweetspot

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



4C3047



635961



35304C



332C32



B3B3B3



333333

Same Dimension

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



4C3047



63385C



4C3039



262226



660054



E600BD

Inverse Universe

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



4C3047



63385C



304C43



262226



660054



E600BD

Previews

White Background



This preview shows how the Hex color 4C3047 looks on a white background.

Color Contrast Check

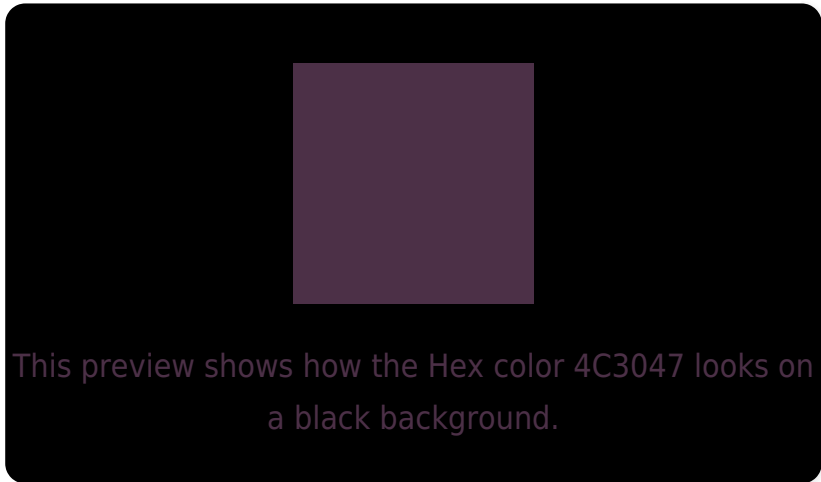
Large Text (above 18pt) WCAG AA ✓ Pass

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

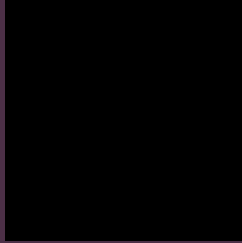
Any Text WCAG AA × Fail

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 4C3047 Background



This preview shows how black text looks on a background with the Hex color 4C3047.



This preview shows how white text looks on a background with the Hex color 4C3047.

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](#).

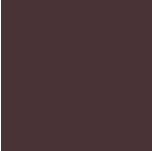
Dichromacy



Original Color
4C3047

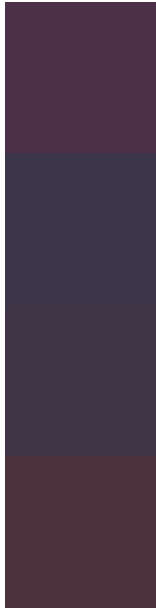
Protanopia
34394D

Deuteranopia
393846



Tritanopia
4A3337

Trichromacy



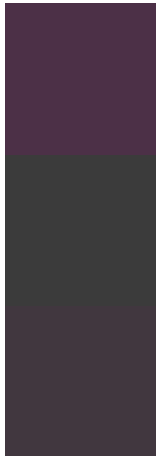
Original Color
4C3047

Protanomaly
3D364B

Deuteranomaly
403546

Tritanomaly
4B323D

Monochromacy



Original Color
4C3047

Achromatopsia
3B3B3B

Achromatomaly
41373F

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C3047 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 #4C3047 looks like.

```
.text, #text, p{  
    color:#4C3047  
}
```

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 #4C3047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C3047
}
```

Border

The CSS property to change the border of an element to Hex 4C3047 is called "border". The border property can be set on classes, ids or directly on the HTML element.

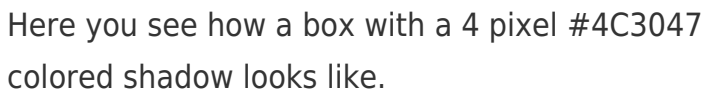
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C3047 }
```

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

```
.border{ border-color:#4C3047 }
```

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



Here you see how a box with a 4 pixel #4C3047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C3047; -webkit-box-shadow:4px 4px  
4px 4px #4C3047; box-shadow:4px 4px 4px  
4px #4C3047 }
```

Background

The CSS property to change the background color of an element to Hex 4C3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C3047 }
```

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

```
.background{ background-color:#4C3047 }
```

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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