

Converting Colors

Hex(4C062D)

Have a look what the booklet for
Hex(4C062D) contains.

Hex(4C062D)	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(4C062D)

Conversions

Conversions Part 1

Format	Color
Hex	4C062D
RGB	76, 6, 45
RGB Percent	30%, 2%, 18%
CMY	0.7020, 0.9765, 0.8235
CMYK	0.00, 0.92, 0.41, 0.70
HSL	327°, 85%, 16%
HSV	327°, 92%, 30%
XYZ	3.5193, 1.8562, 2.6554
YIQ	31.3760, 29.2010, 26.9690

Conversions

Conversions Part 2

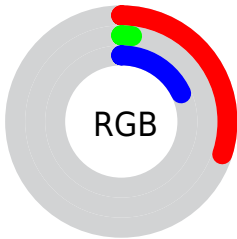
Format	Color
RYB	76, 6, 45
Decimal	4982317
CIELab	14.71, 34.26, -5.04
CIELCh	15, 34.633, 351.625
Yxy	1.8562, 0.4382, 0.2311
Android (android.graphics.Color)	4283172397 (0xFF4C062D)
YUV	31.3760, 6.7166, 39.1352
Hunter-Lab	13.6243, 22.2656, -2.0188

Details

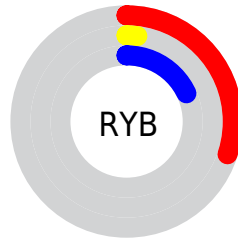
The Hex color **4C062D** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **064C25**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **803A5B**, and **180001** is the 20% darker color. If you saturate the color by 10%, you get **4C002A**, and if you desaturate by 10%, it is **4C0E30**.

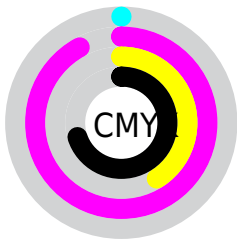
Distribution



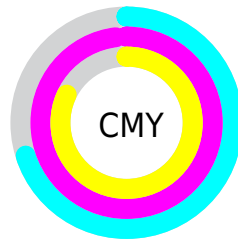
- Red (30%)
- Green (2%)
- Blue (18%)



- Red (30%)
- Yellow (2%)
- Blue (18%)



- Cyan (0%)
- Magenta (92%)
- Yellow (41%)
- Black (70%)



- Cyan (70%)
- Magenta (98%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C062D 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 4C062D by changing the saturation by 10% instead.

 4C062D

 4C062D

 FFF5FF

 340019

 803A5B

 180001

 9B5273

 000000

 B76C8D

 D386A7

 F0A1C2

 FFBCDE

 FFD8FB

 4C062D

 4C062D

■ 4C002A

■ 4C0E30

■ 4C1534

■ 4C1D37

■ 4C243A

■ 4C2C3E

■ 4C3441

■ 4C3B45

■ 4C4348

■ 4C4A4B

Harmonies

Analogous

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



3B1444



4C062D



4E0815

Triad

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



4C062D



1F2900



002E4B

Complementary

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



4C062D



064C25

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.



003036



4C062D



002D00

Square

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



4C062D



352200



002F1D



002A56

Rectangle

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



4C062D



4A1100



002F1D



002F45

Sweetspot

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



4C062D



634857



24064C



33222B



B3B3B3



333333

Same Dimension

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



4C062D



630037



4C060B



262225



660039



E60080

Inverse Universe

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



4C062D



630037



064C47



262225



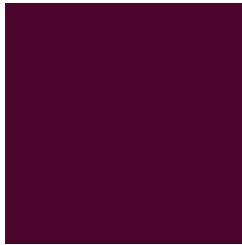
660039



E60080

Previews

White Background



This preview shows how the Hex color 4C062D looks on a white background.

Color Contrast Check

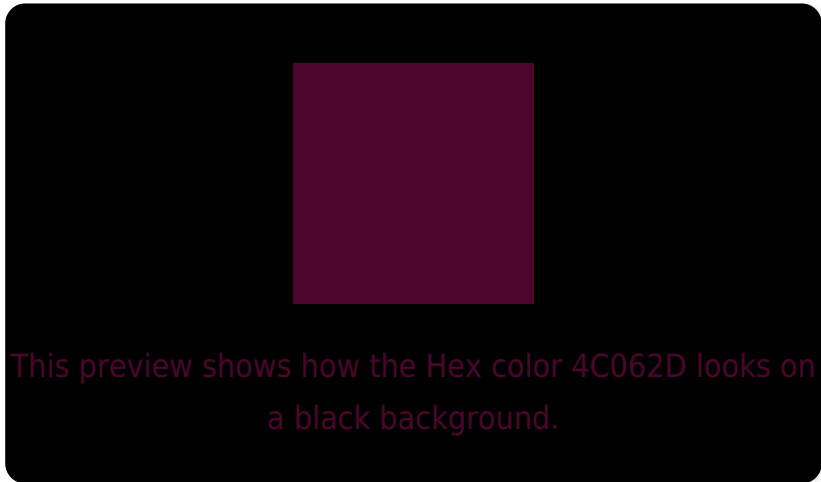
Large Text (above 18pt) WCAG AA ✓ Pass

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

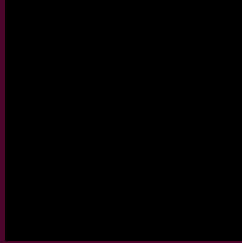
Any Text WCAG AA × Fail

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 4C062D Background



This preview shows how black text looks on a background with the Hex color 4C062D.



This preview shows how white text looks on a background with the Hex color 4C062D.

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
4C062D

Protanopia
1F2740

Deuteranopia
2B272A



Tritanopia
4B1213

Trichromacy



Original Color
4C062D

Protanomaly
2F1B39

Deuteranomaly
371B2B

Tritanomaly
4B0E1C

Monochromacy



Original Color
4C062D

Achromatopsia
1F1F1F

Achromatomaly
2F1624

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C062D 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 #4C062D looks like.

```
.text, #text, p{  
    color:#4C062D  
}
```

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 #4C062D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C062D
}
```

Border

The CSS property to change the border of an element to Hex 4C062D 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
#4C062D }
```

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

```
.border{ border-color:#4C062D }
```

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

Here you see how a box with a 4 pixel #4C062D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C062D; -webkit-box-shadow:4px 4px  
4px 4px #4C062D; box-shadow:4px 4px 4px  
4px #4C062D }
```

Background

The CSS property to change the background color of an element to Hex 4C062D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C062D }
```

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

```
.background{ background-color:#4C062D }
```

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