

Converting Colors

Hex(4C2063)

Have a look what the booklet for
Hex(4C2063) contains.

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Color

Hex(4C2063)

Conversions

Conversions Part 1

Format	Color
Hex	4C2063
RGB	76, 32, 99
RGB Percent	30%, 13%, 39%
CMY	0.7020, 0.8745, 0.6118
CMYK	0.23, 0.68, 0.00, 0.61
HSL	279°, 51%, 26%
HSV	279°, 68%, 39%
XYZ	5.7491, 3.4704, 12.1712
YIQ	52.7940, 4.7170, 30.1650

Conversions

Conversions Part 2

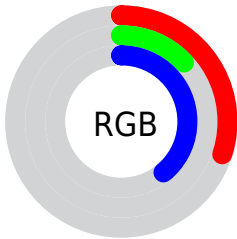
Format	Color
R_{YB}	76, 32, 99
Decimal	4989027
CIE _{Lab}	21.84, 33.18, -31.11
CIE _{LCh}	22, 45.482, 316.848
Yxy	3.4704, 0.2688, 0.1622
Android (android.graphics.Color)	4283179107 (0xFF4C2063)
YUV	52.7940, 22.7796, 20.3517
Hunter-Lab	18.6289, 22.4868, -25.6968

Details

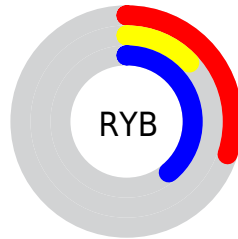
The Hex color **4C2063** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **376320**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7F4F96**, and **1F0034** is the 20% darker color. If you saturate the color by 10%, you get **491663**, and if you desaturate by 10%, it is **4F2A63**.

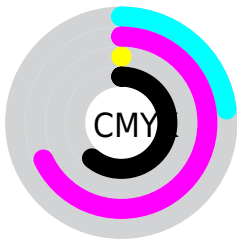
Distribution



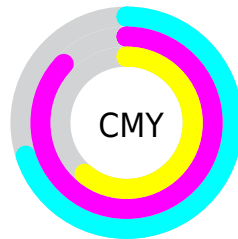
- Red (30%)
- Green (13%)
- Blue (39%)



- Red (30%)
- Yellow (13%)
- Blue (39%)



- Cyan (23%)
- Magenta (68%)
- Yellow (0%)
- Black (61%)



- Cyan (70%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C2063 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 4C2063 by changing the saturation by 10% instead.

 4C2063

 4C2063

FFFFFF

 33074B

 7F4F96

 1F0034

 9A68B1

 00021E

 B582CD

 000000

 D19CE9

 EEB8FF

 FFD3FF

 FFF0FF

 4C2063

 4C2063

■ 491663

■ 4F2A63

■ 450C63

■ 533463

■ 420263

■ 563E63

■ 410063

■ 5A4863

■ 5D5263

■ 605B63

■ 646563

■ 676F63

■ 6B7963

Harmonies

Analogous

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



003276



4C2063



680645

Triad

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



4C2063



4E2D00



004247

Complementary

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



4C2063



376320

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.



004224



4C2063



303900

Square

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



4C2063



631B00



003F00



004165

Rectangle

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



4C2063



6E002E



003F00



00423B

Sweetspot

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



4C2063



776680



203763



3A3040



BFBFBF



404040

Same Dimension

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



4C2063



5C1880



632059



2F2C30



4A0070



9D00F0

Inverse Universe

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



632037



80183C



20632A



302C2D



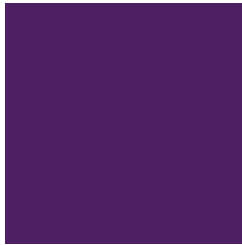
700027



F00052

Previews

White Background



This preview shows how the Hex color 4C2063 looks on a white background.

Color Contrast Check

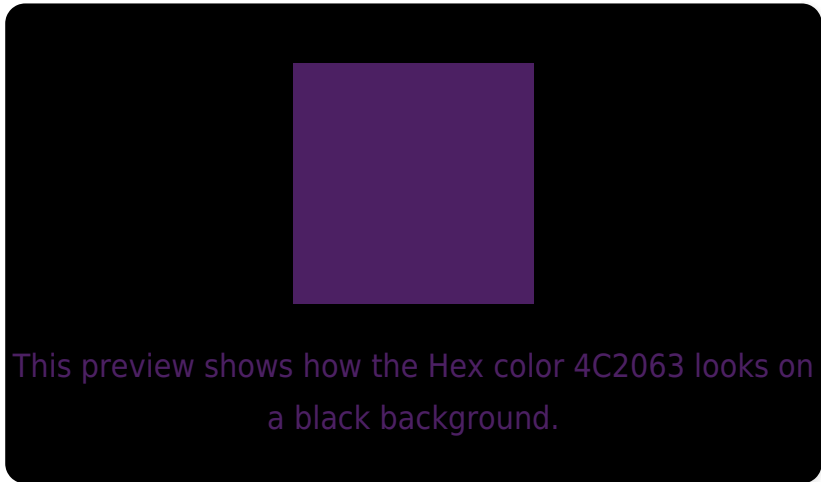
Large Text (above 18pt) WCAG AA ✓ Pass

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

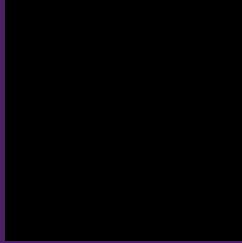
Any Text WCAG AA × Fail

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 4C2063 Background



This preview shows how black text looks on a background with the Hex color 4C2063.



This preview shows how white text looks on a background with the Hex color 4C2063.

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
4C2063

Protanopia
00336D

Deuteranopia
0D365F



Tritanopia
442F33

Trichromacy



Original Color
4C2063

Protanomaly
1C2C69

Deuteranomaly
242E60

Tritanomaly
472A44

Monochromacy



Original Color
4C2063

Achromatopsia
353535

Achromatomaly
3D2D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C2063 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 #4C2063 looks like.

```
.text, #text, p{  
    color:#4C2063  
}
```

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 #4C2063 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C2063
}
```

Border

The CSS property to change the border of an element to Hex 4C2063 is called "border". The border property can be set on classes, ids or directly on the HTML element.

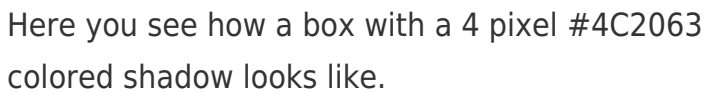
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C2063 }
```

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

```
.border{ border-color:#4C2063 }
```

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



Here you see how a box with a 4 pixel #4C2063 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C2063; -webkit-box-shadow:4px 4px  
4px 4px #4C2063; box-shadow:4px 4px 4px  
4px #4C2063 }
```

Background

The CSS property to change the background color of an element to Hex 4C2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C2063 }
```

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

```
.background{ background-color:#4C2063 }
```

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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