

Converting Colors

Hex(4C0680)

Have a look what the booklet for
Hex(4C0680) contains.

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Color

Hex(4C0680)

Conversions

Conversions Part 1

Format	Color
Hex	4C0680
RGB	76, 6, 128
RGB Percent	30%, 2%, 50%
CMY	0.7020, 0.9765, 0.4980
CMYK	0.41, 0.95, 0.00, 0.50
HSL	274°, 91%, 26%
HSV	274°, 95%, 50%
XYZ	6.9419, 3.2253, 20.6787
YIQ	40.8380, 2.5580, 52.7820

Conversions

Conversions Part 2

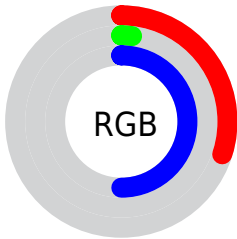
Format	Color
R_{YB}	76, 6, 128
Decimal	4982400
CIE _{Lab}	20.92, 49.85, -51.30
CIE _{LCh}	21, 71.527, 314.177
Yxy	3.2253, 0.2251, 0.1046
Android (android.graphics.Color)	4283172480 (0xFF4C0680)
YUV	40.8380, 42.9709, 30.8371
Hunter-Lab	17.9590, 37.5693, -55.6976

Details

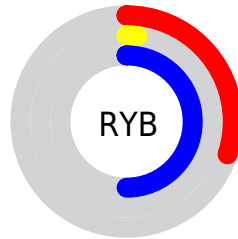
The Hex color **4C0680** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3A8006**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **8340B6**, and **17004E** is the 20% darker color. If you saturate the color by 10%, you get **490080**, and if you desaturate by 10%, it is **511380**.

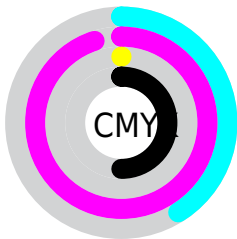
Distribution



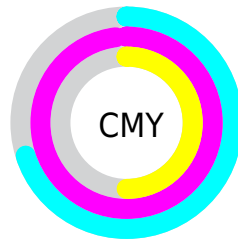
- Red (30%)
- Green (2%)
- Blue (50%)



- Red (30%)
- Yellow (2%)
- Blue (50%)



- Cyan (41%)
- Magenta (95%)
- Yellow (0%)
- Black (50%)



- Cyan (70%)
- Magenta (98%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C0680 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 4C0680 by changing the saturation by 10% instead.

 4C0680

 4C0680

FFFFFF

 300066


 8340B6

 17004E

 9F5AD2

 000036

 BB74EF

 00021F

 D88EFF

 000003

 F5AAFF

 000000

 FFC6FF

 FFE2FF

 4C0680

 4C0680

■ 490080

■ 511380

■ 572080

■ 5C2C80

■ 623980

■ 674680

■ 6D5380

■ 726080

■ 786C80

■ 7D7980

Harmonies

Analogous

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



00339C



4C0680



7D0050

Triad

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



4C0680



552500



00444B

Complementary

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



4C0680



3A8006

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.



004312



4C0680



273800

Square

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



4C0680



760000



004000



00457D

Rectangle

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



4C0680



86002E



004000



004439

Sweetspot

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



4C0680



9176A6



063B80



483754



D4D4D4



545454

Same Dimension

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



4C0680



5F00A6



800678



3D3940



490080



000000

Inverse Universe

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



80063A



A60047



06800E



40393C



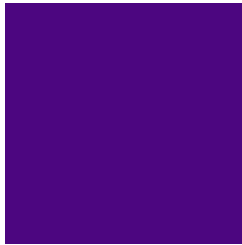
800036



000000

Previews

White Background



This preview shows how the Hex color 4C0680 looks on a white background.

Color Contrast Check

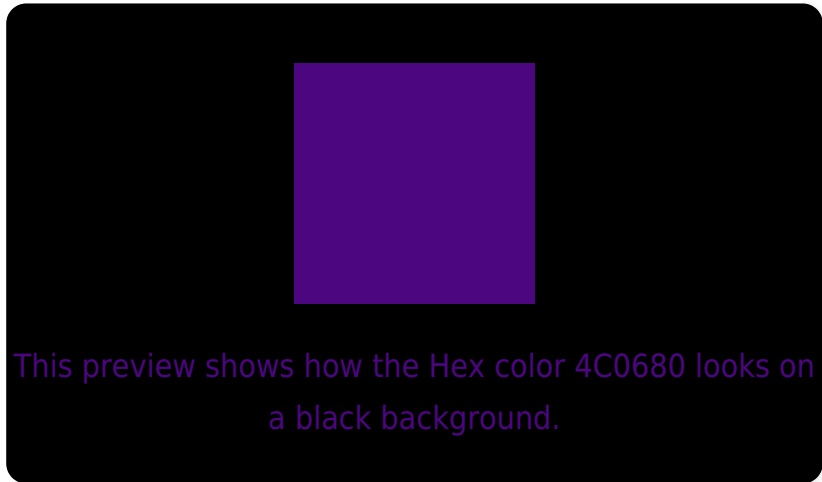
Large Text (above 18pt) WCAG AA ✓ Pass

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

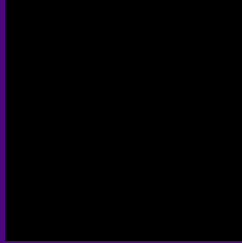
Any Text WCAG AA × Fail

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 4C0680 Background



This preview shows how black text looks on a background with the Hex color 4C0680.



This preview shows how white text looks on a background with the Hex color 4C0680.

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](#).

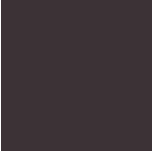
Dichromacy



Original Color
4C0680

Protanopia
00336C

Deuteranopia
00365D



Tritanopia
3C3236

Trichromacy



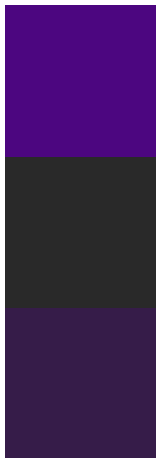
Original Color
4C0680

Protanomaly
1C2373

Deuteranomaly
1C256A

Tritanomaly
422251

Monochromacy



Original Color
4C0680

Achromatopsia
292929

Achromatomaly
361C49

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C0680 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 #4C0680 looks like.

```
.text, #text, p{  
    color:#4C0680  
}
```

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 #4C0680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C0680
}
```

Border

The CSS property to change the border of an element to Hex 4C0680 is called "border". The border property can be set on classes, ids or directly on the HTML element.

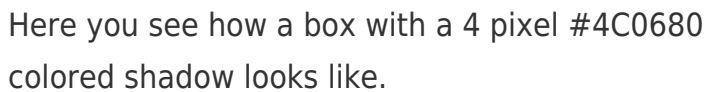
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C0680 }
```

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

```
.border{ border-color:#4C0680 }
```

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



Here you see how a box with a 4 pixel #4C0680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C0680; -webkit-box-shadow:4px 4px  
4px 4px #4C0680; box-shadow:4px 4px 4px  
4px #4C0680 }
```

Background

The CSS property to change the background color of an element to Hex 4C0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C0680 }
```

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

```
.background{ background-color:#4C0680 }
```

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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