

Converting Colors

Hex(4C196A)

Have a look what the booklet for
Hex(4C196A) contains.

Hex(4C196A)	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(4C196A)

Conversions

Conversions Part 1

Format	Color
Hex	4C196A
RGB	76, 25, 106
RGB Percent	30%, 10%, 42%
CMY	0.7020, 0.9020, 0.5843
CMYK	0.28, 0.76, 0.00, 0.58
HSL	278°, 62%, 26%
HSV	278°, 76%, 42%
XYZ	5.9296, 3.2724, 13.9548
YIQ	49.4830, 4.3950, 36.0030

Conversions

Conversions Part 2

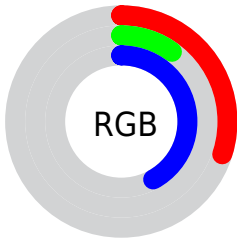
Format	Color
R_{YB}	76, 25, 106
Decimal	4987242
CIE _{Lab}	21.10, 38.38, -36.87
CIE _{LCh}	21, 53.215, 316.151
Yxy	3.2724, 0.2561, 0.1413
Android (android.graphics.Color)	4283177322 (0xFF4C196A)
YUV	49.4830, 27.8629, 23.2554
Hunter-Lab	18.0897, 26.8538, -33.0748

Details

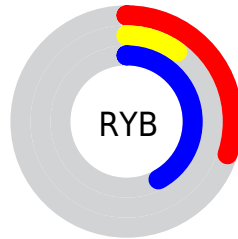
The Hex color **4C196A** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **376A19**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **804A9E**, and **1E003A** is the 20% darker color. If you saturate the color by 10%, you get **480E6A**, and if you desaturate by 10%, it is **50246A**.

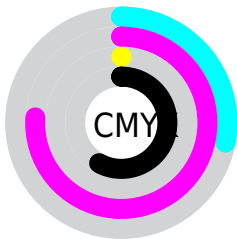
Distribution



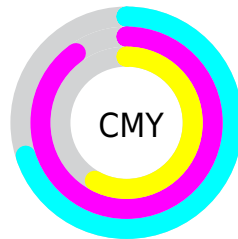
- Red (30%)
- Green (10%)
- Blue (42%)



- Red (30%)
- Yellow (10%)
- Blue (42%)



- Cyan (28%)
- Magenta (76%)
- Yellow (0%)
- Black (58%)



- Cyan (70%)
- Magenta (90%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C196A 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 4C196A by changing the saturation by 10% instead.

 4C196A

 4C196A

FFFFFF

 330051

 804A9E

 1E003A

 9B63B9

 000223

 B77CD5

 00000A

 D397F2

 000000

 F0B2FF

 FFCEFF

 FFEAFF

 4C196A

 4C196A

■ 480E6A

■ 50246A

■ 44046A

■ 542E6A

■ 43006A

■ 58396A

■ 5C436A

■ 604E6A

■ 64596A

■ 67636A

■ 6B6E6A

■ 6F786A

Harmonies

Analogous

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



003180



4C196A



6D0047

Triad

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



4C196A



4E2A00



004248

Complementary

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



4C196A



376A19

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.



00411E



4C196A



2C3700

Square

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



4C196A



681000



003E00



00426B

Rectangle

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



4C196A



74002D



003E00



00423A

Sweetspot

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



4C196A



7E6A8A



19386A



3E3245



C4C4C4



454545

Same Dimension

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



4C196A



5B0B8A



6A1961



343036



4A0075



9A00F5

Inverse Universe

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



6A1937



8A0B3A



196A22



363032



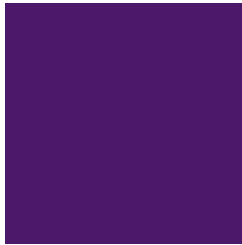
75002B



F5005B

Previews

White Background



This preview shows how the Hex color 4C196A looks on a white background.

Color Contrast Check

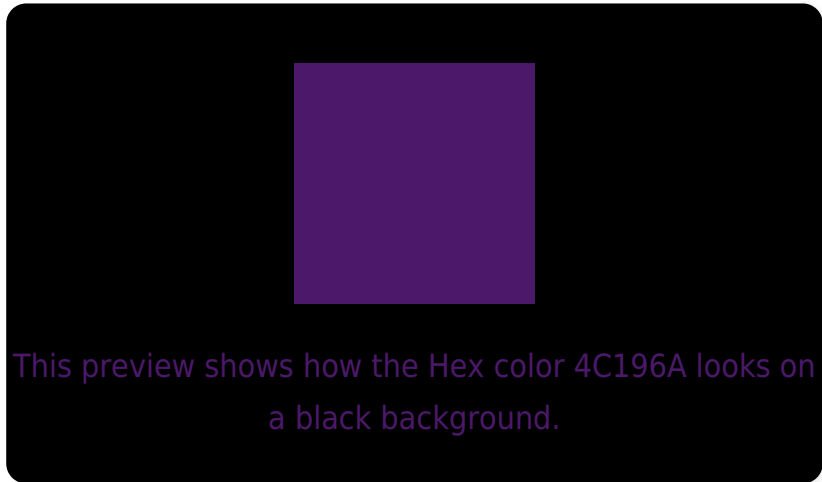
Large Text (above 18pt) WCAG AA ✓ Pass

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

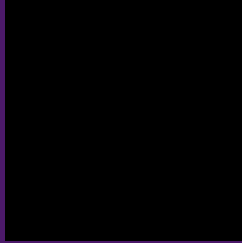
Any Text WCAG AA × Fail

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 4C196A Background



This preview shows how black text looks on a background with the Hex color 4C196A.



This preview shows how white text looks on a background with the Hex color 4C196A.

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](#).

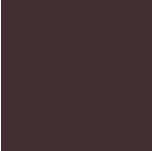
Dichromacy



Original Color
4C196A

Protanopia
00326A

Deuteranopia
00355D



Tritanopia
422E32

Trichromacy



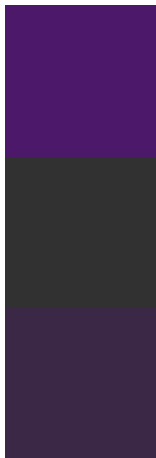
Original Color
4C196A

Protanomaly
1C296A

Deuteranomaly
1C2B62

Tritanomaly
462646

Monochromacy



Original Color
4C196A

Achromatopsia
313131

Achromatomaly
3B2846

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C196A 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 #4C196A looks like.

```
.text, #text, p{  
    color:#4C196A  
}
```

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 #4C196A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C196A
}
```

Border

The CSS property to change the border of an element to Hex 4C196A 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
#4C196A }
```

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

```
.border{ border-color:#4C196A }
```

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

Here you see how a box with a 4 pixel #4C196A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C196A; -webkit-box-shadow:4px 4px  
4px 4px #4C196A; box-shadow:4px 4px 4px  
4px #4C196A }
```

Background

The CSS property to change the background color of an element to Hex 4C196A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C196A }
```

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

```
.background{ background-color:#4C196A }
```

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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