

Converting Colors

Hex(4C04A1)

Have a look what the booklet for
Hex(4C04A1) contains.

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Color

Hex(4C04A1)

Conversions

Conversions Part 1

Format	Color
Hex	4C04A1
RGB	76, 4, 161
RGB Percent	30%, 2%, 63%
CMY	0.7020, 0.9843, 0.3686
CMYK	0.53, 0.98, 0.00, 0.37
HSL	268°, 95%, 32%
HSV	268°, 98%, 63%
XYZ	9.4569, 4.1965, 34.0298
YIQ	43.4260, -7.4850, 64.0910

Conversions

Conversions Part 2

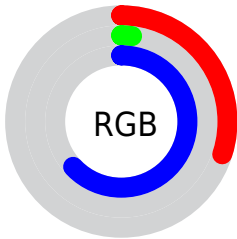
Format	Color
R_{YB}	76, 4, 161
Decimal	4981921
CIE Lab	24.31, 57.94, -66.22
CIE LCh	24, 87.990, 311.181
Yxy	4.1965, 0.1983, 0.0880
Android (android.graphics.Color)	4283172001 (0xFF4C04A1)
YUV	43.4260, 57.9640, 28.5674
Hunter-Lab	20.4855, 46.5534, -84.1508

Details

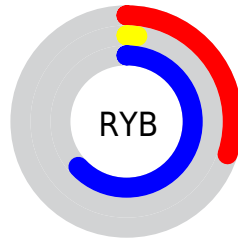
The Hex color **4C04A1** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **59A104**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **8742D9**, and **00006C** is the 20% darker color. If you saturate the color by 10%, you get **4A00A1**, and if you desaturate by 10%, it is **5514A1**.

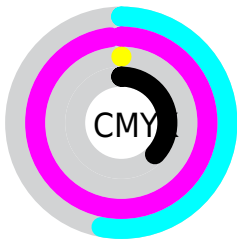
Distribution



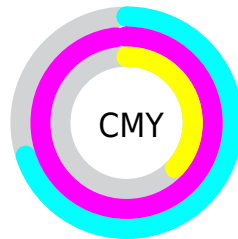
- Red (30%)
- Green (2%)
- Blue (63%)



- Red (30%)
- Yellow (2%)
- Blue (63%)



- Cyan (53%)
- Magenta (98%)
- Yellow (0%)
- Black (37%)



- Cyan (70%)
- Magenta (98%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C04A1 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 4C04A1 by changing the saturation by 10% instead.

■ 4C04A1

■ 4C04A1

FFFFFF

■ 2C0086

■ 8742D9

■ 00006C

■ A45DF6

■ 000053

■ C177FF

■ 00063A

■ DF92FF

■ 000224

■ FDAEFF

■ 00000B

■ FFCAFF

■ 000000

■ FFE7FF

■ 4C04A1

■ 4C04A1

■ 4A00A1

■ 5514A1

■ 5D24A1

■ 6634A1

■ 6F44A1

■ 7854A1

■ 8065A1

■ 8975A1

■ 9285A1

■ 9A95A1

Harmonies

Analogous

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



003EC2



4C04A1



930066

Triad

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



4C04A1



682400



004F52

Complementary

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



4C04A1



59A104

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.



004D06



4C04A1



313F00

Square

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



4C04A1



8F0000



004900



005193

Rectangle

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



4C04A1



A1003B



004900



004E3B

Sweetspot

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



4C04A1



B094D1



045AA1



554469



E8E8E8



696969

Same Dimension

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



4C04A1



6000D1



9904A1



4D4952



430091



080012

Inverse Universe

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



A10459



D10071



0CA104



52494E



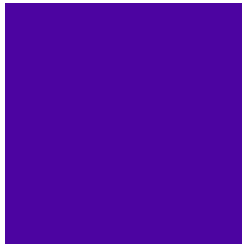
91004F



12000A

Previews

White Background



This preview shows how the Hex color 4C04A1 looks on a white background.

Color Contrast Check

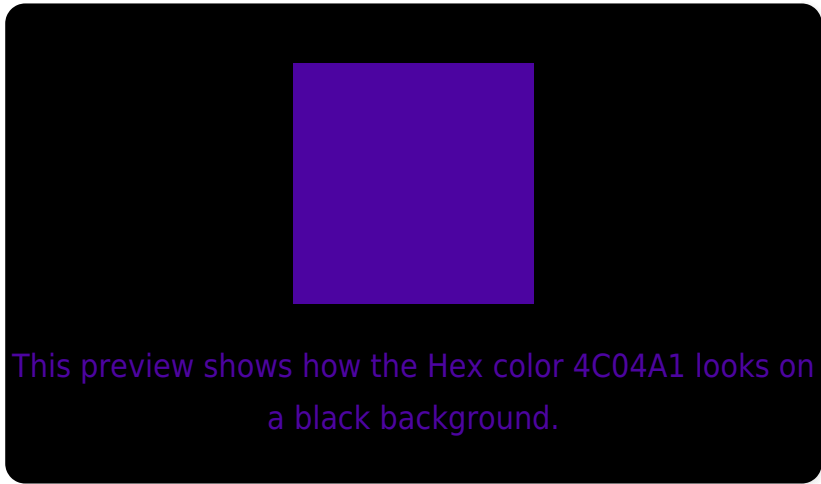
Large Text (above 18pt) WCAG AA ✓ Pass

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

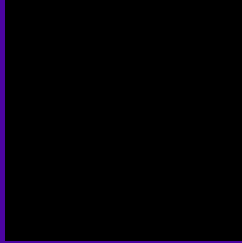
Any Text WCAG AA × Fail

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 4C04A1 Background



This preview shows how black text looks on a background with the Hex color 4C04A1.



This preview shows how white text looks on a background with the Hex color 4C04A1.

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
4C04A1

Protanopia
003A7A

Deuteranopia
003E68



Tritanopia
2F3F44

Trichromacy



Original Color
4C04A1

Protanomaly
1C2688

Deuteranomaly
1C297D

Tritanomaly
3A2A66

Monochromacy



Original Color
4C04A1

Achromatopsia
2B2B2B

Achromatomaly
371D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 4C04A1 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 #4C04A1 looks like.

```
.text, #text, p{  
    color:#4C04A1  
}
```

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 #4C04A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C04A1
}
```

Border

The CSS property to change the border of an element to Hex 4C04A1 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
#4C04A1 }
```

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

```
.border{ border-color:#4C04A1 }
```

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

Here you see how a box with a 4 pixel #4C04A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C04A1; -webkit-box-shadow:4px 4px  
4px 4px #4C04A1; box-shadow:4px 4px 4px  
4px #4C04A1 }
```

Background

The CSS property to change the background color of an element to Hex 4C04A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C04A1 }
```

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

```
.background{ background-color:#4C04A1 }
```

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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