

Converting Colors

Hex(48194A)

Have a look what the booklet for
Hex(48194A) contains.

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Color

Hex(48194A)

Conversions

Conversions Part 1

Format	Color
Hex	48194A
RGB	72, 25, 74
RGB Percent	28%, 10%, 29%
CMY	0.7176, 0.9020, 0.7098
CMYK	0.03, 0.66, 0.00, 0.71
HSL	298°, 49%, 19%
HSV	298°, 66%, 29%
XYZ	4.2561, 2.5674, 6.7498
YIQ	44.6390, 12.2830, 25.2030

Conversions

Conversions Part 2

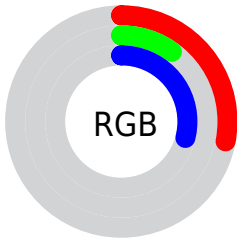
Format	Color
RYB	72, 25, 74
Decimal	4725066
CIELab	18.22, 30.05, -20.15
CIElCh	18, 36.183, 326.153
Yxy	2.5674, 0.3136, 0.1891
Android (android.graphics.Color)	4282915146 (0xFF48194A)
YUV	44.6390, 14.4750, 23.9956
Hunter-Lab	16.0231, 19.3739, -13.7600

Details

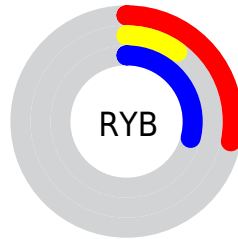
The Hex color **48194A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1B4A19**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **7A487B**, and **1C001E** is the 20% darker color. If you saturate the color by 10%, you get **48124A**, and if you desaturate by 10%, it is **48204A**.

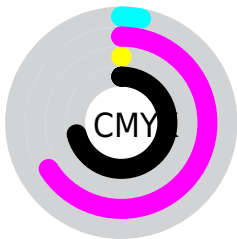
Distribution



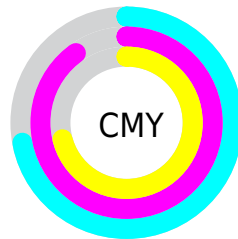
- Red (28%)
- Green (10%)
- Blue (29%)



- Red (28%)
- Yellow (10%)
- Blue (29%)



- Cyan (3%)
- Magenta (66%)
- Yellow (0%)
- Black (71%)



- Cyan (72%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48194A 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 48194A by changing the saturation by 10% instead.

■ 48194A

■ 48194A

FFFFFF

■ 300233

■ 7A487B

■ 1C001E

■ 956095

■ 000000

■ B07AB0

■ CC94CB

■ E8AFE7

■ FFCBFF

■ FFE7FF

■ 48194A

■ 48194A

■ 48124A

■ 48204A

■ 470A4A

■ 49284A

■ 47034A

■ 492F4A

■ 47004A

■ 49374A

■ 4A3E4A

■ 4A454A

■ 4A4D4A

■ 4A544A

■ 4B5C4A

Harmonies

Analogous

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



22275C



48194A



580D31

Triad

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



48194A



3B2A00



003843

Complementary

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



48194A



1B4A19

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.



003828



48194A



233200

Square

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



48194A



4E1F00



00360C



003658

Rectangle

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



48194A



5A0E20



00360C



00383A

Sweetspot

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



48194A



604E61



191B4A



302530



B0B0B0



303030

Same Dimension

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



48194A



5E1461



4A1934



262226



620066



DC00E6

Inverse Universe

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



4A191B



611417



194A2F



262223



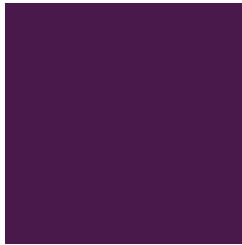
660004



E60009

Previews

White Background



This preview shows how the Hex color 48194A looks on a white background.

Color Contrast Check

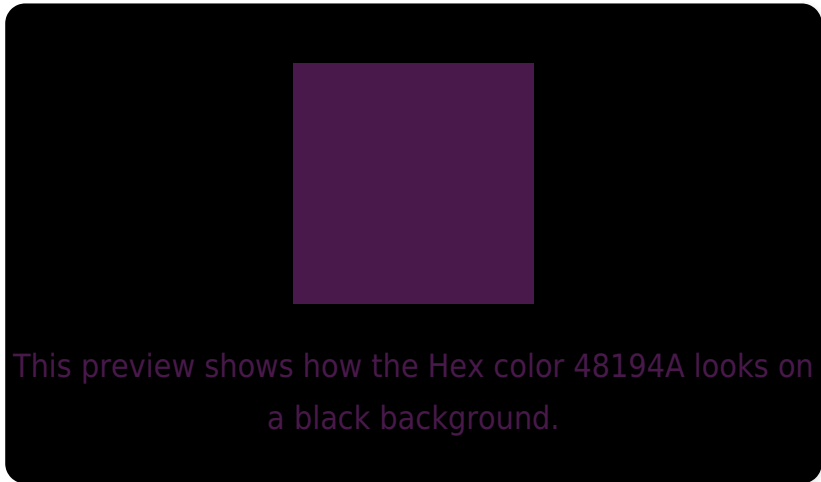
Large Text (above 18pt) WCAG AA ✓ Pass

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

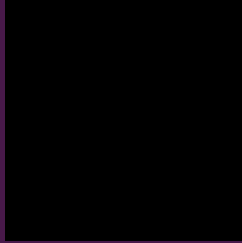
Any Text WCAG AA × Fail

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 48194A Background



This preview shows how black text looks on a background with the Hex color 48194A.



This preview shows how white text looks on a background with the Hex color 48194A.

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
48194A

Protanopia
0C2C5C

Deuteranopia
212E47



Tritanopia
442427

Trichromacy



Original Color
48194A

Protanomaly
222555

Deuteranomaly
2F2648

Tritanomaly
452034

Monochromacy



Original Color
48194A

Achromatopsia
2D2D2D

Achromatomaly
372638

CSS Examples

Text

The CSS property to change the color of the text to Hex 48194A 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 #48194A looks like.

```
.text, #text, p{  
    color:#48194A  
}
```

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 #48194A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48194A
}
```

Border

The CSS property to change the border of an element to Hex 48194A is called "border". The border property can be set on classes, ids or directly on the HTML element.

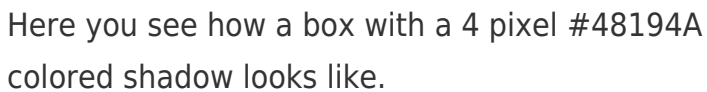
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48194A }
```

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

```
.border{ border-color:#48194A }
```

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



Here you see how a box with a 4 pixel #48194A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48194A; -webkit-box-shadow:4px 4px  
4px 4px #48194A; box-shadow:4px 4px 4px  
4px #48194A }
```

Background

The CSS property to change the background color of an element to Hex 48194A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48194A }
```

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

```
.background{ background-color:#48194A }
```

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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