

Converting Colors

Hex(45194C)

Have a look what the booklet for
Hex(45194C) contains.

Hex(45194C)	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(45194C)

Conversions

Conversions Part 1

Format	Color
Hex	45194C
RGB	69, 25, 76
RGB Percent	27%, 10%, 30%
CMY	0.7294, 0.9020, 0.7020
CMYK	0.09, 0.67, 0.00, 0.70
HSL	292°, 50%, 20%
HSV	292°, 67%, 30%
XYZ	4.1064, 2.4823, 7.1002
YIQ	43.9700, 9.8530, 25.1890

Conversions

Conversions Part 2

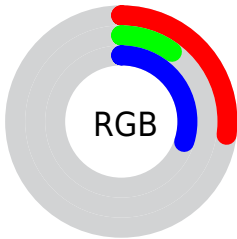
Format	Color
R_{YB}	69, 25, 76
Decimal	4528460
CIE _{Lab}	17.84, 29.59, -22.16
CIE _{LCh}	18, 36.969, 323.173
Yxy	2.4823, 0.3000, 0.1813
Android (android.graphics.Color)	4282718540 (0xFF45194C)
YUV	43.9700, 15.7908, 21.9513
Hunter-Lab	15.7552, 18.9519, -15.6907

Details

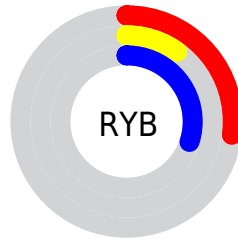
The Hex color **45194C** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **204C19**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **77487D**, and **190020** is the 20% darker color. If you saturate the color by 10%, you get **44114C**, and if you desaturate by 10%, it is **46214C**.

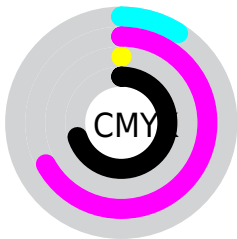
Distribution



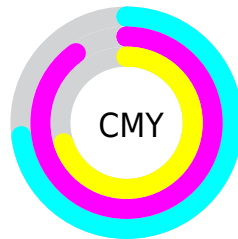
- Red (27%)
- Green (10%)
- Blue (30%)



- Red (27%)
- Yellow (10%)
- Blue (30%)



- Cyan (9%)
- Magenta (67%)
- Yellow (0%)
- Black (70%)



- Cyan (73%)
- Magenta (90%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45194C 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 45194C by changing the saturation by 10% instead.

 45194C


 45194C

FFFFFF

 2D0235

 77487D

 190020

 916097

 000003

 AC79B2

 000000

 C894CE

 E4AEEA

 FFCAFF

 FFE6FF

 45194C

 45194C

■ 44114C

■ 46214C

■ 430A4C

■ 47284C

■ 42024C

■ 48304C

■ 42004C

■ 49374C

■ 4A3F4C

■ 4B474C

■ 4C4E4C

■ 4D564C

■ 4E5D4C

Harmonies

Analogous

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



1A275D



45194C



570A33

Triad

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



45194C



3C2800



003740

Complementary

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



45194C



204C19

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.



003725



45194C



243000

Square

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



45194C



4F1C00



003506



003656

Rectangle

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



45194C



5A0A21



003506



003737

Sweetspot

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



45194C



615063



19214C



312733



B3B3B3



333333

Same Dimension

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



45194C



581363



4C193A



262226



580066



C600E6

Inverse Universe

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



4C1920



63131E



194C2B



262223



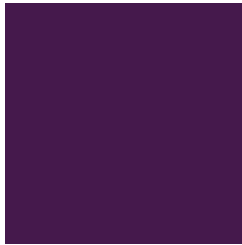
66000E



E6001F

Previews

White Background



This preview shows how the Hex color 45194C looks on a white background.

Color Contrast Check

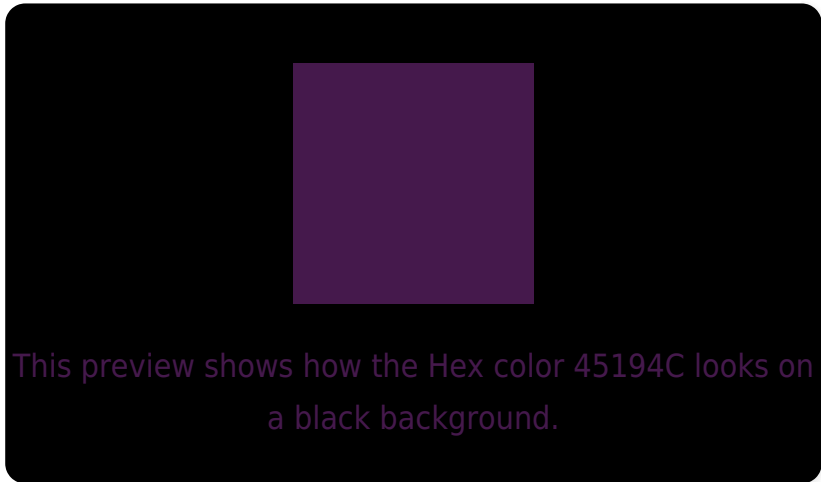
Large Text (above 18pt) WCAG AA ✓ Pass

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

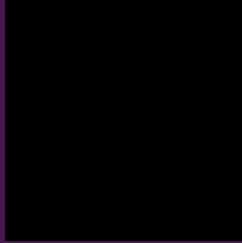
Any Text WCAG AA × Fail

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 45194C Background



This preview shows how black text looks on a background with the Hex color 45194C.



This preview shows how white text looks on a background with the Hex color 45194C.

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
45194C

Protanopia
002B5C

Deuteranopia
1C2D49



Tritanopia
402527

Trichromacy



Original Color
45194C

Protanomaly
192456

Deuteranomaly
2B264A

Tritanomaly
422134

Monochromacy



Original Color
45194C

Achromatopsia
2C2C2C

Achromatomaly
352538

CSS Examples

Text

The CSS property to change the color of the text to Hex 45194C 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 #45194C looks like.

```
.text, #text, p{  
    color:#45194C  
}
```

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 #45194C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45194C
}
```

Border

The CSS property to change the border of an element to Hex 45194C is called "border". The border property can be set on classes, ids or directly on the HTML element.

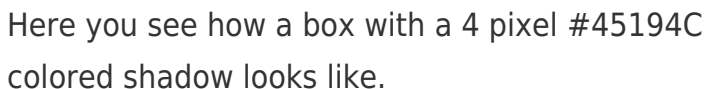
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45194C }
```

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

```
.border{ border-color:#45194C }
```

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



Here you see how a box with a 4 pixel #45194C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45194C; -webkit-box-shadow:4px 4px  
4px 4px #45194C; box-shadow:4px 4px 4px  
4px #45194C }
```

Background

The CSS property to change the background color of an element to Hex 45194C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45194C }
```

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

```
.background{ background-color:#45194C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor