

Converting Colors

Hex(45191B)

Have a look what the booklet for
Hex(45191B) contains.

Hex(45191B)	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(45191B)

Conversions

Conversions Part 1

Format	Color
Hex	45191B
RGB	69, 25, 27
RGB Percent	27%, 10%, 11%
CMY	0.7294, 0.9020, 0.8941
CMYK	0.00, 0.64, 0.61, 0.73
HSL	357°, 47%, 18%
HSV	357°, 64%, 27%
XYZ	2.9997, 2.0396, 1.2725
YIQ	38.3840, 25.5820, 9.9500

Conversions

Conversions Part 2

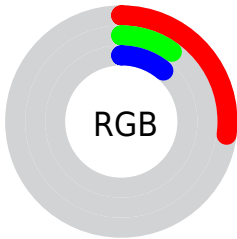
Format	Color
R_{YB}	69, 25, 27
Decimal	4528411
CIE Lab	15.69, 21.40, 9.26
CIE LCh	16, 23.315, 23.395
Yxy	2.0396, 0.4753, 0.3231
Android (android.graphics.Color)	4282718491 (0xFF45191B)
YUV	38.3840, -5.6123, 26.8502
Hunter-Lab	14.2815, 12.4999, 4.7142

Details

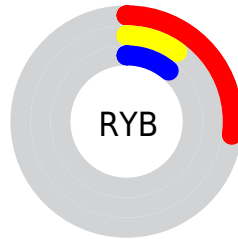
The Hex color **45191B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **194543**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **784646**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **451214**, and if you desaturate by 10%, it is **452022**.

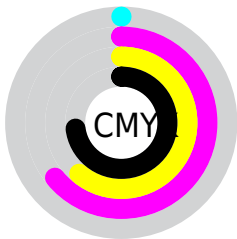
Distribution



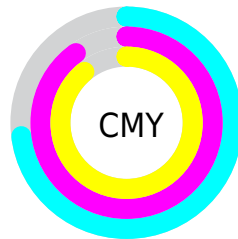
- Red (27%)
- Green (10%)
- Blue (11%)



- Red (27%)
- Yellow (10%)
- Blue (11%)



- Cyan (0%)
- Magenta (64%)
- Yellow (61%)
- Black (73%)



- Cyan (73%)
- Magenta (90%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45191B 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 45191B by changing the saturation by 10% instead.



45191B



45191B

FFFFFFE



2E0200



784646



070000



935E5E



000000



AE7776



CA9190



E7ACAA



FFC7C6



FFE4E2



45191B



45191B

■ 451214

■ 452022

■ 450B0E

■ 452728

■ 450407

■ 452E2F

■ 450003

■ 453535

■ 453B3C

■ 454243

■ 454949

■ 455050

■ 455756

Harmonies

Analogous

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



43182B



45191B



3F1F0B

Triad

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



45191B



0E2D12



002A48

Complementary

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



45191B



194543

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.



002E41



45191B



002F23

Square

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



45191B



242A03



002F34



212446

Rectangle

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



45191B



382302



002F34



002C47

Sweetspot

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



45191B



594849



431945



2E2324



ADADAD



2E2E2E

Same Dimension

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



45191B



591518



452D19



242020



630005



E3000A

Inverse Universe

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



45191B



591518



193145



242020



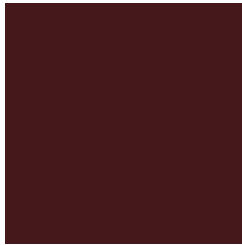
630005



E3000A

Previews

White Background



This preview shows how the Hex color 45191B 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

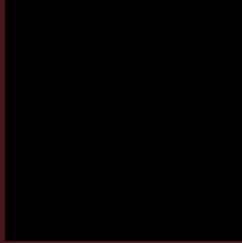
Any Text WCAG AA × Fail

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 45191B Background



This preview shows how black text looks on a background with the Hex color 45191B.



This preview shows how white text looks on a background with the Hex color 45191B.

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
45191B

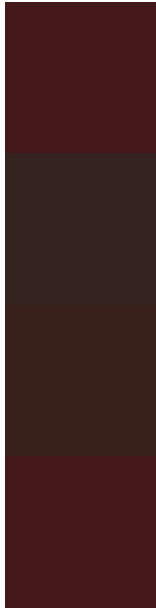
Protanopia
2B2822

Deuteranopia
312619



Tritanopia
45191B

Trichromacy



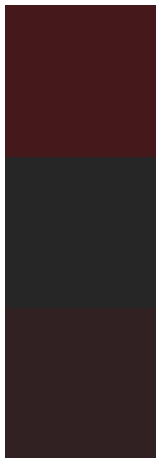
Original Color
45191B

Protanomaly
34231F

Deuteranomaly
38211A

Tritanomaly
45191B

Monochromacy



Original Color
45191B

Achromatopsia
262626

Achromatomaly
312122

CSS Examples

Text

The CSS property to change the color of the text to Hex 45191B 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 #45191B looks like.

```
.text, #text, p{  
    color:#45191B  
}
```

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 #45191B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45191B
}
```

Border

The CSS property to change the border of an element to Hex 45191B 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".

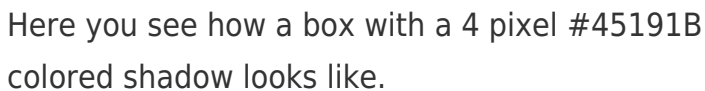
```
.border, #border, table{ border:4px solid
#45191B }
```

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

```
.border{ border-color:#45191B }
```

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

Here you see how a box with a 4 pixel #45191B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #45191B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45191B; -webkit-box-shadow:4px 4px  
4px 4px #45191B; box-shadow:4px 4px 4px  
4px #45191B }
```

Background

The CSS property to change the background color of an element to Hex 45191B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45191B }
```

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

```
.background{ background-color:#45191B }
```

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