

Converting Colors

Hex(45171D)

Have a look what the booklet for
Hex(45171D) contains.

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Color

Hex(45171D)

Conversions

Conversions Part 1

Format	Color
Hex	45171D
RGB	69, 23, 29
RGB Percent	27%, 9%, 11%
CMY	0.7294, 0.9098, 0.8863
CMYK	0.00, 0.67, 0.58, 0.73
HSL	352°, 50%, 18%
HSV	352°, 67%, 27%
XYZ	2.9824, 1.9667, 1.3848
YIQ	37.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

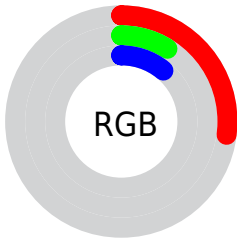
Format	Color
RYB	69, 23, 29
Decimal	4527901
CIELab	15.31, 22.74, 7.30
CIElCh	15, 23.885, 17.798
Yxy	1.9667, 0.4709, 0.3105
Android (android.graphics.Color)	4282717981 (0xFF45171D)
YUV	37.4380, -4.1599, 27.6799
Hunter-Lab	14.0239, 13.4189, 3.9621

Details

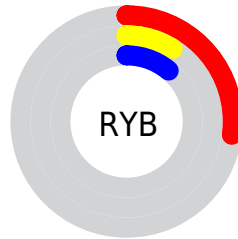
The Hex color **45171D** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **17453F**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **784448**, and **070000** is the 20% darker color. If you saturate the color by 10%, you get **451017**, and if you desaturate by 10%, it is **451E23**.

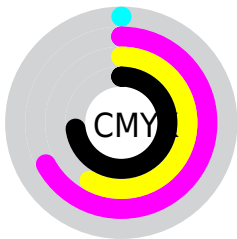
Distribution



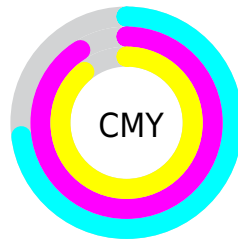
- Red (27%)
- Green (9%)
- Blue (11%)



- Red (27%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (67%)
- Yellow (58%)
- Black (73%)



- Cyan (73%)
- Magenta (91%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45171D 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 45171D by changing the saturation by 10% instead.

 45171D

 45171D

FFFEFF

 2E0003

 784448

 070000

 935C60

 000000

 AE7579

 CA8F92

 E7AAAD

 FFC6C8

 FFE2E4

 45171D

 45171D

■ 451017

■ 451E23

■ 450911

■ 452529

■ 45020B

■ 452C2F

■ 450009

■ 453335

■ 453A3B

■ 454041

■ 454747

■ 454E4D

■ 455553

Harmonies

Analogous

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



41172E



45171D



401C0D

Triad

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



45171D



122C0E



002A47

Complementary

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



45171D



17453F

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.



002D3F



45171D



002E1F

Square

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



45171D



262800



002E30



1A2547

Rectangle

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



45171D



3A2101



002E30



002B45

Sweetspot

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



45171D



59474A



3F1745



2E2324



ADADAD



2E2E2E

Same Dimension

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



45171D



59121B



452817



242021



63000D



E3001E

Inverse Universe

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



45171D



59121B



173445



242021



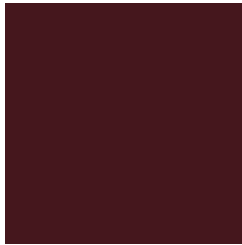
63000D



E3001E

Previews

White Background



This preview shows how the Hex color 45171D 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 45171D Background



This preview shows how black text looks on a background with the Hex color 45171D.



This preview shows how white text looks on a background with the Hex color 45171D.

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
45171D

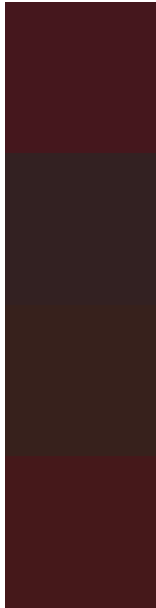
Protanopia
292725

Deuteranopia
2F261B



Tritanopia
451819

Trichromacy



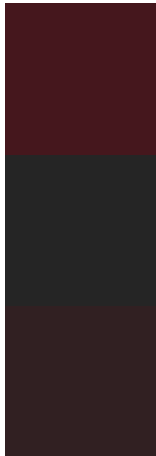
Original Color
45171D

Protanomaly
332122

Deuteranomaly
37211C

Tritanomaly
45181A

Monochromacy



Original Color
45171D

Achromatopsia
252525

Achromatomaly
312022

CSS Examples

Text

The CSS property to change the color of the text to Hex 45171D 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 #45171D looks like.

```
.text, #text, p{  
    color:#45171D  
}
```

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 #45171D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45171D
}
```

Border

The CSS property to change the border of an element to Hex 45171D 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".

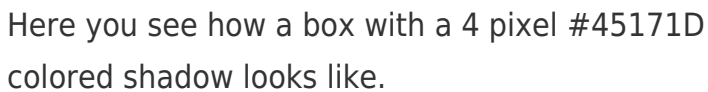
```
.border, #border, table{ border:4px solid
#45171D }
```

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

```
.border{ border-color:#45171D }
```

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

Here you see how a box with a 4 pixel #45171D colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45171D; -webkit-box-shadow:4px 4px  
4px 4px #45171D; box-shadow:4px 4px 4px  
4px #45171D }
```

Background

The CSS property to change the background color of an element to Hex 45171D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45171D }
```

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

```
.background{ background-color:#45171D }
```

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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