

Converting Colors

Hex(45271F)

Have a look what the booklet for
Hex(45271F) contains.

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Color

Hex(45271F)

Conversions

Conversions Part 1

Format	Color
Hex	45271F
RGB	69, 39, 31
RGB Percent	27%, 15%, 12%
CMY	0.7294, 0.8471, 0.8784
CMYK	0.00, 0.43, 0.55, 0.73
HSL	13°, 38%, 20%
HSV	13°, 55%, 27%
XYZ	3.4271, 2.8152, 1.6591
YIQ	47.0580, 20.4480, 3.8720

Conversions

Conversions Part 2

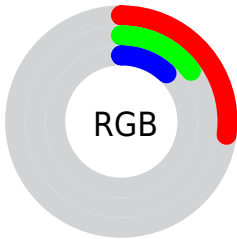
Format	Color
RYB	69, 41, 31
Decimal	4531999
CIELab	19.29, 13.08, 11.26
CIELCh	19, 17.258, 40.720
Yxy	2.8152, 0.4337, 0.3563
Android (android.graphics.Color)	4282722079 (0xFF45271F)
YUV	47.0580, -7.9166, 19.2431
Hunter-Lab	16.7785, 7.0971, 5.8823

Details

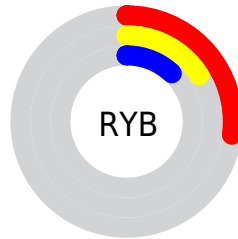
The Hex color **45271F** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1F3D45**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **77544B**, and **160000** is the 20% darker color. If you saturate the color by 10%, you get **452218**, and if you desaturate by 10%, it is **452C26**.

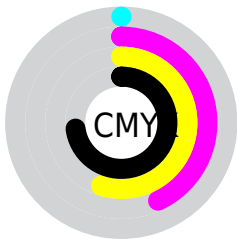
Distribution



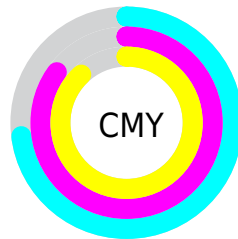
- Red (27%)
- Green (15%)
- Blue (12%)



- Red (27%)
- Yellow (16%)
- Blue (12%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (73%)



- Cyan (73%)
- Magenta (85%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45271F 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 45271F by changing the saturation by 10% instead.



45271F



45271F

FFFFFF



2E1207



77544B



160000



916D63



000000



AC867C



C8A095



E5BBB0



FFD7CC



FFF4E8



45271F



45271F

■ 452218

■ 452C26

■ 451C11

■ 45322D

■ 45170A

■ 453734

■ 451103

■ 453D3B

■ 450F00

■ 454242

■ 454848

■ 454D4F

■ 455356

■ 45585D

Harmonies

Analogous

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



47252B



45271F



3E2B17

Triad

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



45271F



143526



232E47

Complementary

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



45271F



1F3D45

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.



0A3246



45271F



003533

Square

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



45271F



25331B



00353F



362A42

Rectangle

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



45271F



362E15



00353F



1C3048

Sweetspot

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



45271F



594D4A



451F3D



2E2725



ADADAD



2E2E2E

Same Dimension

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



45271F



592B1E



453A1F



242120



631500



E33000

Inverse Universe

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



1F3D45



1E4D59



1F2A45



202324



004F63



00B3E3

Previews

White Background



This preview shows how the Hex color 45271F looks on a white background.

Color Contrast Check

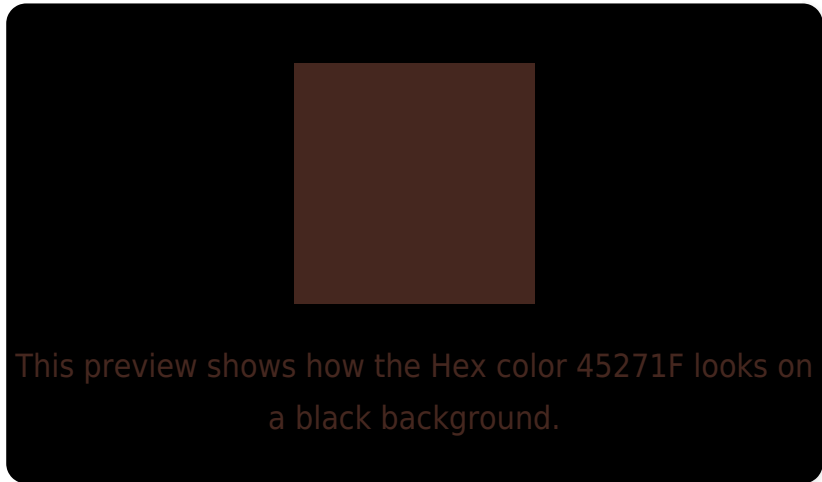
Large Text (above 18pt) WCAG AA ✓ Pass

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

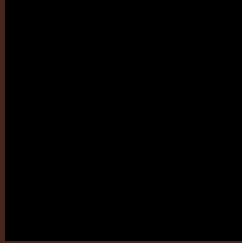
Any Text WCAG AA × Fail

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 45271F Background



This preview shows how black text looks on a background with the Hex color 45271F.

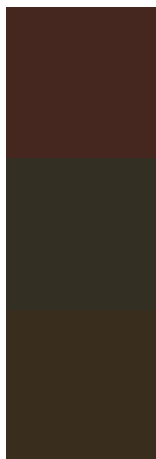


This preview shows how white text looks on a background with the Hex color 45271F.

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
45271F

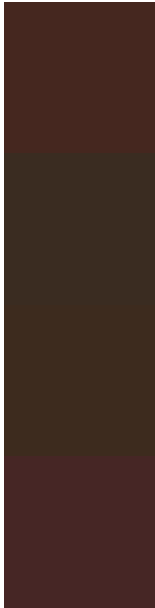
Protanopia
332F22

Deuteranopia
392D1E



Tritanopia
462628

Trichromacy



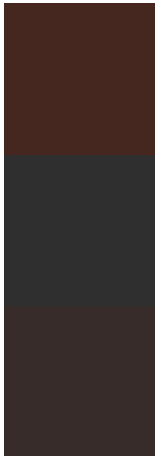
Original Color
45271F

Protanomaly
3A2C21

Deuteranomaly
3D2B1E

Tritanomaly
462625

Monochromacy



Original Color
45271F

Achromatopsia
2F2F2F

Achromatomaly
372C29

CSS Examples

Text

The CSS property to change the color of the text to Hex 45271F 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 #45271F looks like.

```
.text, #text, p{  
    color:#45271F  
}
```

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 #45271F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45271F
}
```

Border

The CSS property to change the border of an element to Hex 45271F is called "border". The border property can be set on classes, ids or directly on the HTML element.

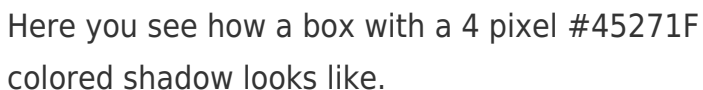
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#45271F }
```

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

```
.border{ border-color:#45271F }
```

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



Here you see how a box with a 4 pixel #45271F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45271F; -webkit-box-shadow:4px 4px  
4px 4px #45271F; box-shadow:4px 4px 4px  
4px #45271F }
```

Background

The CSS property to change the background color of an element to Hex 45271F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45271F }
```

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

```
.background{ background-color:#45271F }
```

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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