

# Converting Colors

Hex(4D551F)

Have a look what the booklet for  
Hex(4D551F) contains.

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**Color**

**Hex(4D551F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D551F
RGB	77, 85, 31
RGB Percent	30%, 33%, 12%
CMY	0.6980, 0.6667, 0.8784
CMYK	0.09, 0.00, 0.64, 0.67
HSL	69°, 47%, 23%
HSV	69°, 64%, 33%
XYZ	6.5564, 8.1737, 2.5284
YIQ	76.4520, 12.5660, -18.4900

# Conversions

## Conversions Part 2

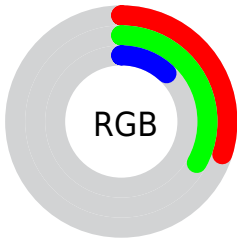
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 85, 39
Decimal	5068063
CIE Lab	34.34, -11.93, 29.74
CIE LCh	34, 32.042, 111.864
Yxy	8.1737, 0.3799, 0.4736
Android (android.graphics.Color)	4283258143 (0xFF4D551F)
YUV	76.4520, -22.4078, 0.4806
Hunter-Lab	28.5897, -9.0971, 14.7692

# Details

The Hex color **4D551F** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **271F55**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **7F874E**, and **1F2800** is the 20% darker color. If you saturate the color by 10%, you get **4C5516**, and if you desaturate by 10%, it is **4E5527**.

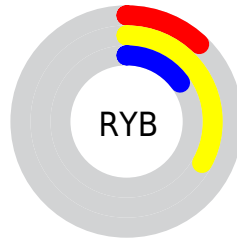
# Distribution



 Red (30%)

 Green (33%)

 Blue (12%)



 Red (12%)

 Yellow (33%)

 Blue (15%)

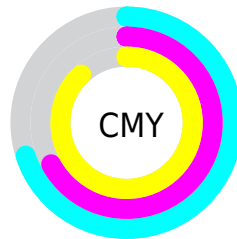


 Cyan (9%)

 Magenta (0%)

 Yellow (64%)

 Black (67%)



 Cyan (70%)

 Magenta (67%)

 Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D551F 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 4D551F by changing the saturation by 10% instead.





4D551F



4D551F

FFFFFF



353E07



7F874E



1F2800



9AA166



001500



B5BC80



000000



D1D79A



EEF4B5



FFFFD1



FFFFED



4D551F



4D551F

■ 4C5516

■ 4E5527

■ 4A550E

■ 505530

■ 495505

■ 515539

■ 485500

■ 525541

■ 53554A

■ 555552

■ 56555A

■ 575563

■ 58556B

# Harmonies

## Analogous

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



654D1D



4D551F



2E5A30

# Triad

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



4D551F



005B78



7C3B59

# Complementary

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



4D551F



271F55

# 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.



694370



4D551F



005683

# Square

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



4D551F



005D63



474D80



803C3F

# Rectangle

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



4D551F



0C5C40



474D80



783D61



# Sweetspot

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



4D551F



6B6E59



55261F



36382B



B8B8B8



383838



# Same Dimension

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



4D551F



616E1A



33551F



2B2B27



5B6B00



C8EB00



# Inverse Universe

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



271F55



271A6E



411F55



28272B



10006B



2300EB



# Previews

## White Background



This preview shows how the Hex color 4D551F looks on a white background.

## Color Contrast Check

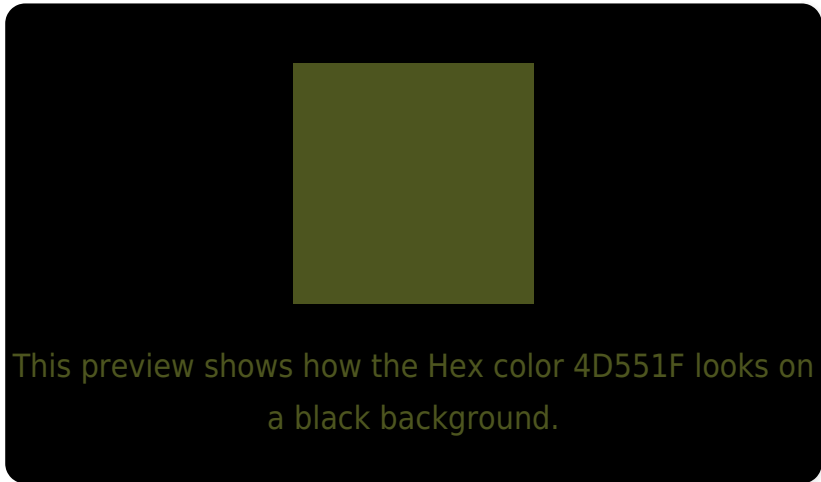
Large Text (above 18pt) WCAG AA ✓ Pass

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

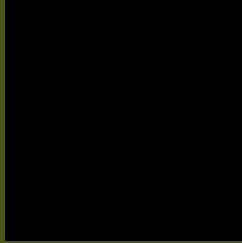
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4D551F Background



This preview shows how black text looks on a background with the Hex color 4D551F.



This preview shows how white text looks on a background with the Hex color 4D551F.

# 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**  
4D551F

**Protanopia**  
5A511E

**Deuteranopia**  
644D22



**Tritanopia**  
535056

# Trichromacy



**Original Color**  
4D551F

**Protanomaly**  
55521E

**Deuteranomaly**  
5C5021

**Tritanomaly**  
515242

# Monochromacy



**Original Color**  
4D551F

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
4C4F3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D551F 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 #4D551F looks like.

```
.text, #text, p{  
    color:#4D551F  
}
```

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 #4D551F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D551F
}
```

## Border

The CSS property to change the border of an element to Hex 4D551F is called "border". The border property can be set on classes, ids or directly on the HTML element.

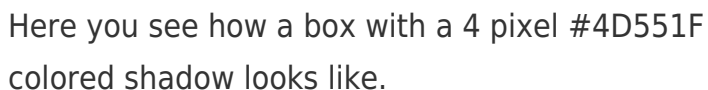
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D551F }
```

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

```
.border{ border-color:#4D551F }
```

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



Here you see how a box with a 4 pixel #4D551F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D551F; -webkit-box-shadow:4px 4px  
4px 4px #4D551F; box-shadow:4px 4px 4px  
4px #4D551F }
```

# Background

The CSS property to change the background color of an element to Hex 4D551F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D551F }
```

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

```
.background{ background-color:#4D551F }
```

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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