

Converting Colors

Hex(4E3131)

Have a look what the booklet for
Hex(4E3131) contains.

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Color

Hex(4E3131)

Conversions

Conversions Part 1

Format	Color
Hex	4E3131
RGB	78, 49, 49
RGB Percent	31%, 19%, 19%
CMY	0.6941, 0.8078, 0.8078
CMYK	0.00, 0.37, 0.37, 0.69
HSL	0°, 23%, 25%
HSV	0°, 37%, 31%
XYZ	4.7946, 4.0381, 3.4325
YIQ	57.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

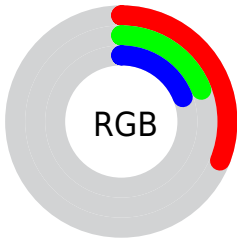
Format	Color
RYB	78, 49, 49
Decimal	5124401
CIELab	23.80, 13.21, 5.44
CIELCh	24, 14.282, 22.370
Yxy	4.0381, 0.3909, 0.3292
Android (android.graphics.Color)	4283314481 (0xFF4E3131)
YUV	57.6710, -4.2748, 17.8285
Hunter-Lab	20.0950, 7.4232, 3.9391




Details

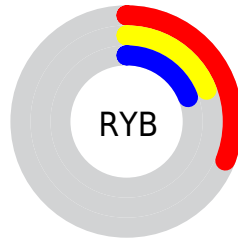
The Hex color **4E3131** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **314E4E**, and the grayscale version is **3A3A3A**.




A 20% lighter version of the original color is **805F5F**, and **230301** is the 20% darker color. If you saturate the color by 10%, you get **4E2929**, and if you desaturate by 10%, it is **4E3939**.

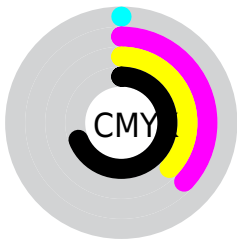
Distribution







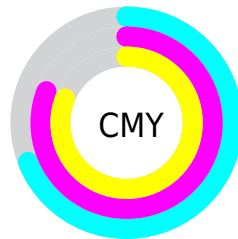
-  Red (31%)
-  Green (19%)
-  Blue (19%)






-  Red (31%)
-  Yellow (19%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (37%)
-  Yellow (37%)
-  Black (69%)



-  Cyan (69%)
-  Magenta (81%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3131 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 4E3131 by changing the saturation by 10% instead.

■ 4E3131

■ 4E3131

FFFFFF

■ 361C1C

■ 805F5F

■ 230301

■ 9A7878

■ 000000

■ B69291

■ D1ADAC

■ EEC8C7

■ FFE4E3

■ 4E3131

■ 4E3131

■ 4E2929

■ 4E3939

■ 4E2121

■ 4E4141

■ 4E1A1A

■ 4E4848

■ 4E1212

■ 4E5050

■ 4E0A0A

■ 4E5858

■ 4E0202

■ 4E6060

■ 4E0000

■ 4E6868

■ 4E6F6F

■ 4E7777

Harmonies

Analogous

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



4C313C



4E3131



4B3328

Triad

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



4E3131



2C3D2B



263A4E

Complementary

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



4E3131



314E4E

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.



193D49



4E3131



1F3E35

Square

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



4E3131



383A25



163E40



36374C

Rectangle

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



4E3131



463624



163E40



213B4D

Sweetspot

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



4E3131



665B5B



4E314E



332C2C



B3B3B3



333333

Same Dimension

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



4E3131



663838



4E4031



262222



660000



E60000

Inverse Universe

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



314E4E



386666



31404E



222626



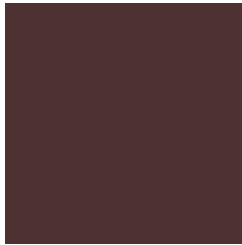
006666



00E6E6

Previews

White Background



This preview shows how the Hex color 4E3131 looks on a white background.

Color Contrast Check

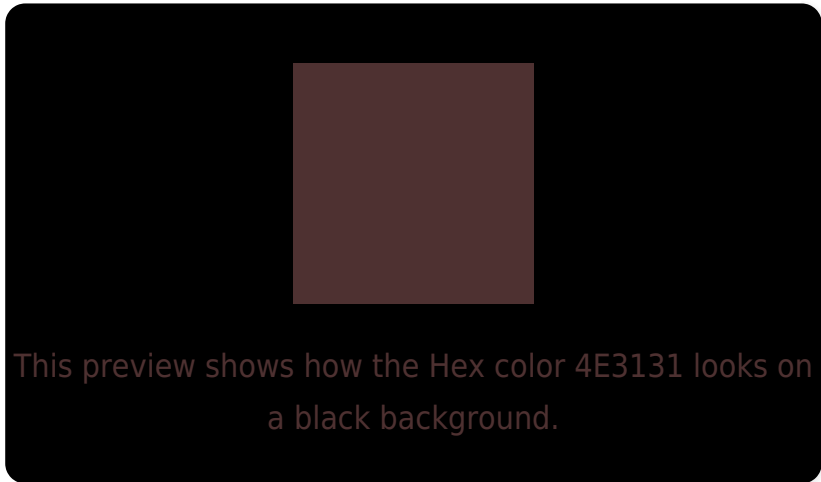
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E3131 Background



This preview shows how black text looks on a background with the Hex color 4E3131.

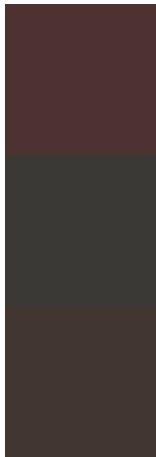


This preview shows how white text looks on a background with the Hex color 4E3131.

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
4E3131

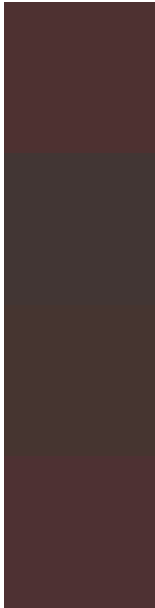
Protanopia
3B3935

Deuteranopia
423730



Tritanopia
4E3134

Trichromacy



Original Color

4E3131

Protanomaly

423634

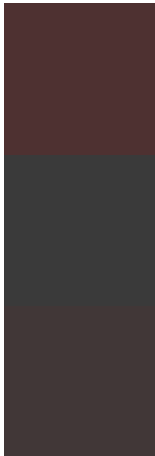
Deuteranomaly

463530

Tritanomaly

4E3133

Monochromacy



Original Color

4E3131

Achromatopsia

3A3A3A

Achromatomaly

413737

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3131 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 #4E3131 looks like.

```
.text, #text, p{  
    color:#4E3131  
}
```

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 #4E3131 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3131
}
```

Border

The CSS property to change the border of an element to Hex 4E3131 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".

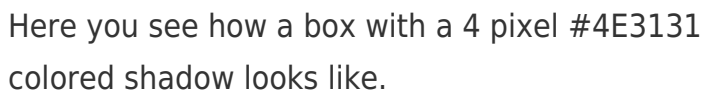
```
.border, #border, table{ border:4px solid
#4E3131 }
```

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

```
.border{ border-color:#4E3131 }
```

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

Here you see how a box with a 4 pixel #4E3131 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3131; -webkit-box-shadow:4px 4px  
4px 4px #4E3131; box-shadow:4px 4px 4px  
4px #4E3131 }
```

Background

The CSS property to change the background color of an element to Hex 4E3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3131 }
```

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

```
.background{ background-color:#4E3131 }
```

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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