

Converting Colors

Hex(4E3012)

Have a look what the booklet for
Hex(4E3012) contains.

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Color

Hex(4E3012)

Conversions

Conversions Part 1

Format	Color
Hex	4E3012
RGB	78, 48, 18
RGB Percent	31%, 19%, 7%
CMY	0.6941, 0.8118, 0.9294
CMYK	0.00, 0.38, 0.77, 0.69
HSL	30°, 63%, 19%
HSV	30°, 77%, 31%
XYZ	4.3080, 3.7773, 1.0743
YIQ	53.5500, 27.5100, -2.9700

Conversions

Conversions Part 2

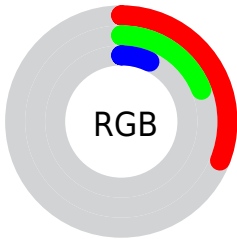
Format	Color
RYB	78, 78, 18
Decimal	5124114
CIELab	22.92, 10.51, 24.21
CIElCh	23, 26.392, 66.535
Yxy	3.7773, 0.4703, 0.4124
Android (android.graphics.Color)	4283314194 (0xFF4E3012)
YUV	53.5500, -17.5261, 21.4427
Hunter-Lab	19.4352, 5.5547, 10.3274

Details

The Hex color **4E3012** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **12304E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **825E3E**, and **1E0200** is the 20% darker color. If you saturate the color by 10%, you get **4E2C0A**, and if you desaturate by 10%, it is **4E341A**.

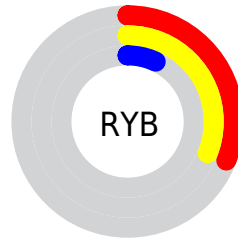
Distribution



Red (31%)

Green (19%)

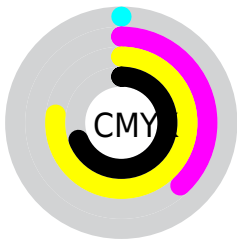
Blue (7%)



Red (31%)

Yellow (31%)

Blue (7%)

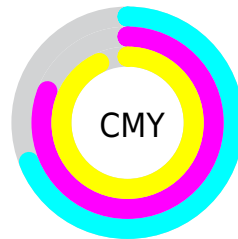


Cyan (0%)

Magenta (38%)

Yellow (77%)

Black (69%)



Cyan (69%)

Magenta (81%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E3012 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 4E3012 by changing the saturation by 10% instead.

 4E3012

 4E3012

 FFFFF5

 361B00

 825E3E

 1E0200

 9D7755

 000000

 B9906E

 D5AB87

 F2C6A2

 FFE2BD

 FFFFD9

 4E3012

 4E3012

■ 4E2C0A

■ 4E341A

■ 4E2802

■ 4E3822

■ 4E2700

■ 4E3C29

■ 4E4031

■ 4E4439

■ 4E4741

■ 4E4B49

■ 4E4F50

■ 4E5358

Harmonies

Analogous

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



592920



4E3012



3E370D

Triad

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



4E3012



00403B



3D3056

Complementary

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



4E3012



12304E

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.



19375E



4E3012



00404E

Square

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



4E3012



083F26



003D5B



522847

Rectangle

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



4E3012



303B11



003D5B



34325A

Sweetspot

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



4E3012



665A4F



4E1230



332C25



B3B3B3



333333

Same Dimension

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



4E3012



663708



4E4E12



262422



663300



E67300

Inverse Universe

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



12304E



083766



12124E



222426



003366



0073E6

Previews

White Background



This preview shows how the Hex color 4E3012 looks on a white background.

Color Contrast Check

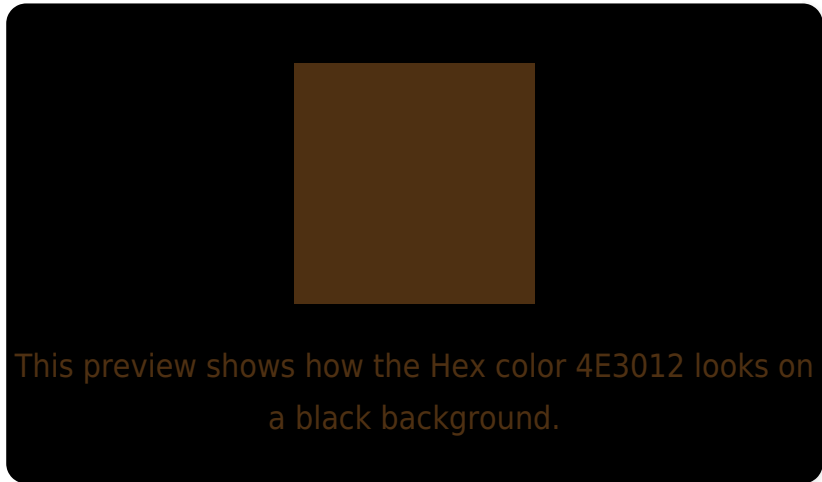
Large Text (above 18pt) WCAG AA ✓ Pass

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

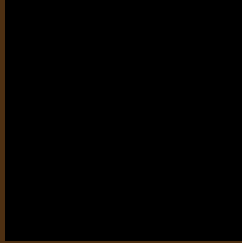
Any Text WCAG AA × Fail

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 4E3012 Background



This preview shows how black text looks on a background with the Hex color 4E3012.



This preview shows how white text looks on a background with the Hex color 4E3012.

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
4E3012

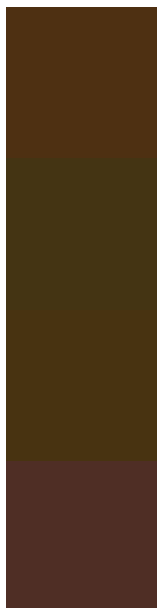
Protanopia
3E3714

Deuteranopia
453410



Tritanopia
502D30

Trichromacy



Original Color

4E3012

Protanomaly

443413

Deuteranomaly

483311

Tritanomaly

4F2E25

Monochromacy



Original Color

4E3012

Achromatopsia

363636

Achromatomaly

3F3429

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E3012 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 #4E3012 looks like.

```
.text, #text, p{  
    color:#4E3012  
}
```

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 #4E3012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E3012
}
```

Border

The CSS property to change the border of an element to Hex 4E3012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

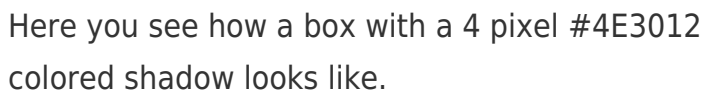
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4E3012 }
```

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

```
.border{ border-color:#4E3012 }
```

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



Here you see how a box with a 4 pixel #4E3012 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E3012; -webkit-box-shadow:4px 4px  
4px 4px #4E3012; box-shadow:4px 4px 4px  
4px #4E3012 }
```

Background

The CSS property to change the background color of an element to Hex 4E3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E3012 }
```

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

```
.background{ background-color:#4E3012 }
```

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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