

Converting Colors

Hex(45812E)

Have a look what the booklet for
Hex(45812E) contains.

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Color

Hex(45812E)

Conversions

Conversions Part 1

Format	Color
Hex	45812E
RGB	69, 129, 46
RGB Percent	27%, 51%, 18%
CMY	0.7294, 0.4941, 0.8196
CMYK	0.47, 0.00, 0.64, 0.49
HSL	103°, 47%, 34%
HSV	103°, 64%, 51%
XYZ	10.7976, 17.1630, 5.3285
YIQ	101.5980, -9.1170, -38.5330

Conversions

Conversions Part 2

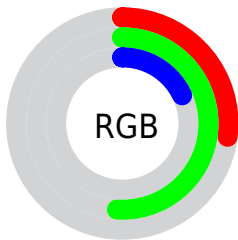
Format	Color
RYB	46, 129, 106
Decimal	4555054
CIELab	48.46, -35.71, 37.99
CIELCh	48, 52.137, 133.224
Yxy	17.1630, 0.3244, 0.5156
Android (android.graphics.Color)	4282745134 (0xFF45812E)
YUV	101.5980, -27.4098, -28.5884
Hunter-Lab	41.4282, -25.9761, 21.3739

Details

The Hex color **45812E** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6A2E81**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7AB65F**, and **0A4F00** is the 20% darker color. If you saturate the color by 10%, you get **3C8121**, and if you desaturate by 10%, it is **4E813B**.

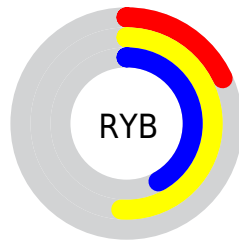
Distribution



Red (27%)

Green (51%)

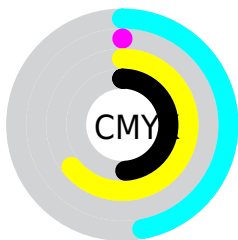
Blue (18%)



Red (18%)

Yellow (51%)

Blue (42%)

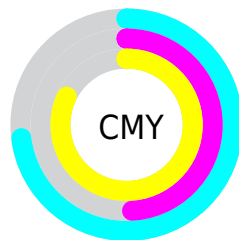


Cyan (47%)

Magenta (0%)

Yellow (64%)

Black (49%)



Cyan (73%)

Magenta (49%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 45812E 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 45812E by changing the saturation by 10% instead.



45812E



45812E

FFFFFF



2A6815



7AB65F



0A4F00



95D279



003700



B1EF94



002400



CDFFAF



000000



EAFFCA



FFFFE7



45812E



45812E



3C8121



4E813B

■ 328114

■ 588148

■ 298107

■ 618155

■ 248100

■ 6A8162

■ 74816F

■ 7D817B

■ 868188

■ 908195

■ 9981A2

Harmonies

Analogous

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



77770F



45812E



008658

Triad

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



45812E



007FC7



C34961

Complementary

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



45812E



6A2E81

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.



B64D8E



45812E



3E71C9

Square

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



45812E



0086AF



8E5FB4



B95638

Rectangle

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



45812E



008877



8E5FB4



C14870

Sweetspot

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



45812E



91A888



81692E



465441



D4D4D4



545454

Same Dimension

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



45812E



4BA827



2E8140



3B4039



238000



000000

Inverse Universe

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



6A2E81



8427A8



812E6F



3E3940



5C0080



000000

Previews

White Background



This preview shows how the Hex color 45812E looks on a white background.

Color Contrast Check

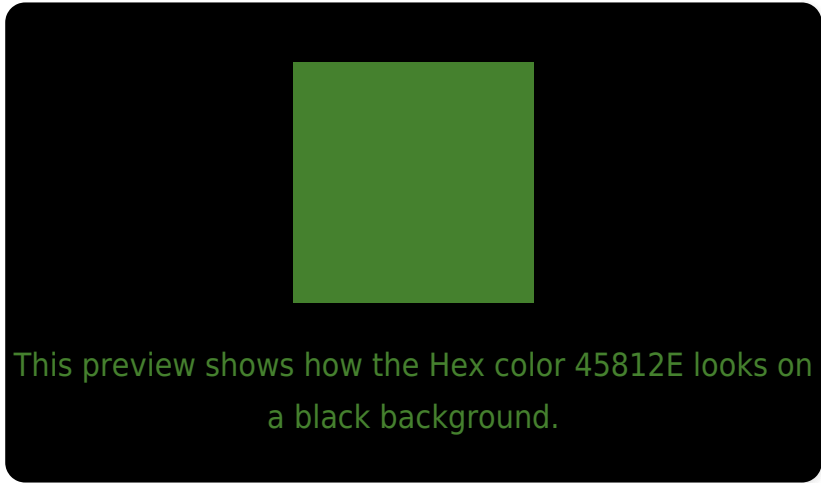
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 45812E Background



This preview shows how black text looks on a background with the Hex color 45812E.



This preview shows how white text looks on a background with the Hex color 45812E.

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
45812E

Protanopia
80732A

Deuteranopia
8E6D34



Tritanopia
547982

Trichromacy



Original Color
45812E

Protanomaly
6B782B

Deuteranomaly
737432

Tritanomaly
4F7C63

Monochromacy



Original Color
45812E

Achromatopsia
666666

Achromatomaly
5A7052

CSS Examples

Text

The CSS property to change the color of the text to Hex 45812E 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 #45812E looks like.

```
.text, #text, p{  
    color:#45812E  
}
```

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 #45812E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #45812E
}
```

Border

The CSS property to change the border of an element to Hex 45812E 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".

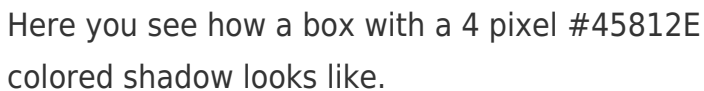
```
.border, #border, table{ border:4px solid
#45812E }
```

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

```
.border{ border-color:#45812E }
```

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

Here you see how a box with a 4 pixel #45812E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #45812E; -webkit-box-shadow:4px 4px  
4px 4px #45812E; box-shadow:4px 4px 4px  
4px #45812E }
```

Background

The CSS property to change the background color of an element to Hex 45812E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#45812E }
```

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

```
.background{ background-color:#45812E }
```

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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