

Converting Colors

Hex(457D31)

Have a look what the booklet for
Hex(457D31) contains.

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Color

Hex(457D31)

Conversions

Conversions Part 1

Format	Color
Hex	457D31
RGB	69, 125, 49
RGB Percent	27%, 49%, 19%
CMY	0.7294, 0.5098, 0.8078
CMYK	0.45, 0.00, 0.61, 0.51
HSL	104°, 44%, 34%
HSV	104°, 61%, 49%
XYZ	10.3422, 16.1542, 5.4787
YIQ	99.5920, -8.9800, -35.5080

Conversions

Conversions Part 2

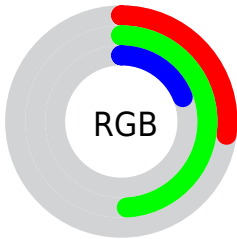
Format	Color
RYB	49, 125, 105
Decimal	4554033
CIELab	47.18, -33.61, 35.09
CIELCh	47, 48.585, 133.764
Yxy	16.1542, 0.3234, 0.5052
Android (android.graphics.Color)	4282744113 (0xFF457D31)
YUV	99.5920, -24.9419, -26.8292
Hunter-Lab	40.1923, -24.4050, 20.0526

Details

The Hex color **457D31** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **69317D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **79B262**, and **0D4B00** is the 20% darker color. If you saturate the color by 10%, you get **3C7D25**, and if you desaturate by 10%, it is **4E7D3E**.

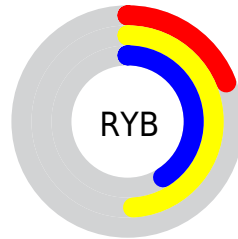
Distribution



Red (27%)

Green (49%)

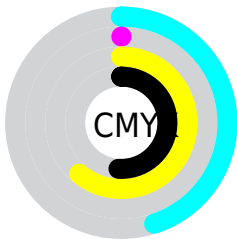
Blue (19%)



Red (19%)

Yellow (49%)

Blue (41%)

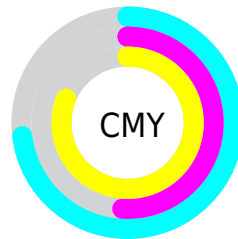


Cyan (45%)

Magenta (0%)

Yellow (61%)

Black (51%)



Cyan (73%)

Magenta (51%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457D31 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 457D31 by changing the saturation by 10% instead.

 457D31

 457D31

FFFFFF

 2B6419

 79B262

 0D4B00

 94CE7C

 003400

 B0EA96

 002100

 CCFFB1

 000000

 E9FFCD

 FFFFE9

 457D31

 457D31

 3C7D25

 4E7D3E

■ 337D18

■ 577D4A

■ 297D0C

■ 617D57

■ 217D00

■ 6A7D63

■ 737D70

■ 7C7D7C

■ 857D89

■ 8F7D95

■ 987DA2

Harmonies

Analogous

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



737417



457D31



008258

Triad

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



457D31



007BBE



BA4A5F

Complementary

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



457D31



69317D

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.



AF4D88



457D31



446EC0

Square

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



457D31



0081A8



8A5DAB



B15539

Rectangle

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



457D31



008374



8A5DAB



B9496C

Sweetspot

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



457D31



8EA386



7D6931



445240



D1D1D1



525252

Same Dimension

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



457D31



4BA32C



317D43



3B4039



228000



000000

Inverse Universe

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



69317D



842CA3



7D316B



3E3940



5E0080



000000

Previews

White Background



This preview shows how the Hex color 457D31 looks on a white background.

Color Contrast Check

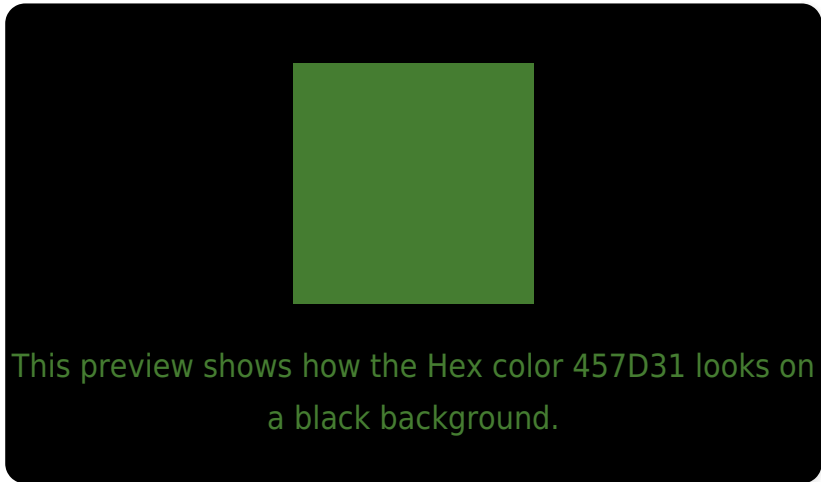
Large Text (above 18pt) WCAG AA ✓ Pass

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 457D31 Background



This preview shows how black text looks on a background with the Hex color 457D31.



This preview shows how white text looks on a background with the Hex color 457D31.

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
457D31

Protanopia
7C702D

Deuteranopia
896A37



Tritanopia
53757F

Trichromacy



Original Color
457D31

Protanomaly
68752E

Deuteranomaly
707135

Tritanomaly
4E7863

Monochromacy



Original Color
457D31

Achromatopsia
646464

Achromatomaly
596D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 457D31 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 #457D31 looks like.

```
.text, #text, p{  
    color:#457D31  
}
```

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 #457D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457D31
}
```

Border

The CSS property to change the border of an element to Hex 457D31 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
#457D31 }
```

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

```
.border{ border-color:#457D31 }
```

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

Here you see how a box with a 4 pixel #457D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457D31; -webkit-box-shadow:4px 4px  
4px 4px #457D31; box-shadow:4px 4px 4px  
4px #457D31 }
```

Background

The CSS property to change the background color of an element to Hex 457D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457D31 }
```

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

```
.background{ background-color:#457D31 }
```

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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