

Converting Colors

Hex(457A30)

Have a look what the booklet for
Hex(457A30) contains.

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Color

Hex(457A30)

Conversions

Conversions Part 1

Format	Color
Hex	457A30
RGB	69, 122, 48
RGB Percent	27%, 48%, 19%
CMY	0.7294, 0.5216, 0.8118
CMYK	0.43, 0.00, 0.61, 0.52
HSL	103°, 44%, 33%
HSV	103°, 61%, 48%
XYZ	9.9473, 15.3977, 5.2441
YIQ	97.7170, -7.8340, -34.2500

Conversions

Conversions Part 2

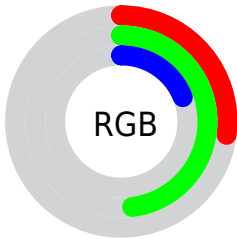
Format	Color
R_{YB}	48, 122, 101
Decimal	4553264
CIE _{Lab}	46.17, -32.36, 34.43
CIE _{LCh}	46, 47.254, 133.229
Yxy	15.3977, 0.3252, 0.5034
Android (android.graphics.Color)	4282743344 (0xFF457A30)
YUV	97.7170, -24.5105, -25.1848
Hunter-Lab	39.2399, -23.4202, 19.5443

Details

The Hex color **457A30** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **65307A**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **79AF61**, and **0F4900** is the 20% darker color. If you saturate the color by 10%, you get **3C7A24**, and if you desaturate by 10%, it is **4E7A3C**.

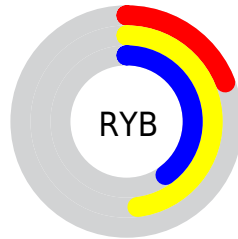
Distribution



Red (27%)

Green (48%)

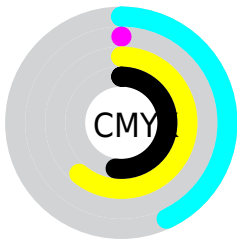
Blue (19%)



Red (19%)

Yellow (48%)

Blue (40%)

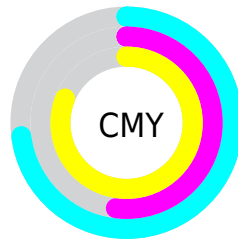


Cyan (43%)

Magenta (0%)

Yellow (61%)

Black (52%)



Cyan (73%)

Magenta (52%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457A30 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 457A30 by changing the saturation by 10% instead.

 457A30

 457A30

FFFFFF

 2B6118

 79AF61

 0F4900

 94CB7A

 003100

 AFE795

 001E00

 CBFFB0

 000000

 E8FFCB

 FFFFE8

 457A30

 457A30

 3C7A24

 4E7A3C

■ 347A18

■ 567A48

■ 2B7A0B

■ 5F7A55

■ 237A00

■ 687A61

■ 717A6D

■ 797A79

■ 827A85

■ 8B7A92

■ 947A9E

Harmonies

Analogous

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



727117



457A30



007F55

Triad

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



457A30



0078B9



B6495D

Complementary

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



457A30



65307A

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.



AA4C85



457A30



416CBB

Square

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



457A30



007EA3



865BA7



AD5339

Rectangle

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



457A30



008071



865BA7



B4486B

Sweetspot

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



457A30



8A9E82



7A6430



434F3E



CFCFCF



4F4F4F

Same Dimension

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



457A30



4B9E2B



307A3F



393D37



237D00



48FC00

Inverse Universe

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



65307A



7D2B9E



7A306B



3B373D



59007D



B500FC

Previews

White Background



This preview shows how the Hex color 457A30 looks on a white background.

Color Contrast Check

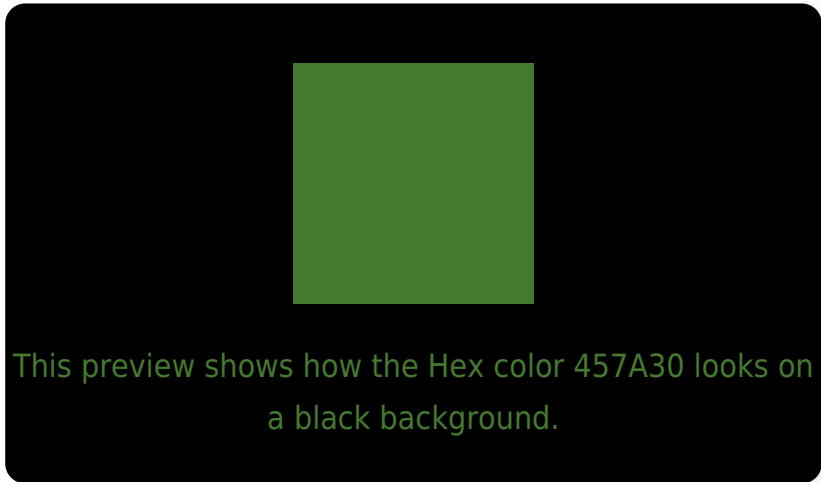
Large Text (above 18pt) WCAG AA ✓ Pass

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

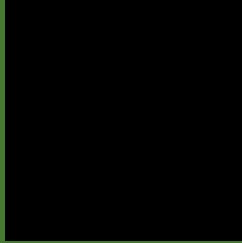
Any Text WCAG AA × Fail

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 457A30 Background



This preview shows how black text looks on a background with the Hex color 457A30.



This preview shows how white text looks on a background with the Hex color 457A30.

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
457A30

Protanopia
796D2C

Deuteranopia
866835

Trichromacy



Original Color
457A30

Protanomaly
66722D

Deuteranomaly
6E6F33

Tritanomaly
4D7560

Monochromacy



Original Color
457A30

Achromatopsia
626262

Achromatomaly
576B50

CSS Examples

Text

The CSS property to change the color of the text to Hex 457A30 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 #457A30 looks like.

```
.text, #text, p{  
    color:#457A30  
}
```

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 #457A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457A30
}
```

Border

The CSS property to change the border of an element to Hex 457A30 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
#457A30 }
```

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

```
.border{ border-color:#457A30 }
```

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

Here you see how a box with a 4 pixel #457A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457A30; -webkit-box-shadow:4px 4px  
4px 4px #457A30; box-shadow:4px 4px 4px  
4px #457A30 }
```

Background

The CSS property to change the background color of an element to Hex 457A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457A30 }
```

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

```
.background{ background-color:#457A30 }
```

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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