

Converting Colors

Hex(457022)

Have a look what the booklet for
Hex(457022) contains.

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Color

Hex(457022)

Conversions

Conversions Part 1

Format	Color
Hex	457022
RGB	69, 112, 34
RGB Percent	27%, 44%, 13%
CMY	0.7294, 0.5608, 0.8667
CMYK	0.38, 0.00, 0.70, 0.56
HSL	93°, 53%, 29%
HSV	93°, 70%, 44%
XYZ	8.5371, 12.9690, 3.5667
YIQ	90.2510, -0.5900, -33.3740

Conversions

Conversions Part 2

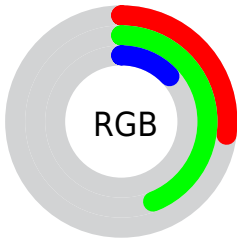
Format	Color
RYB	34, 112, 77
Decimal	4550690
CIELab	42.72, -29.17, 37.24
CIELCh	43, 47.305, 128.067
Yxy	12.9690, 0.3405, 0.5173
Android (android.graphics.Color)	4282740770 (0xFF457022)
YUV	90.2510, -27.7317, -18.6371
Hunter-Lab	36.0126, -20.7067, 19.3367

Details

The Hex color **457022** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4D2270**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **79A453**, and **134000** is the 20% darker color. If you saturate the color by 10%, you get **3F7017**, and if you desaturate by 10%, it is **4B702D**.

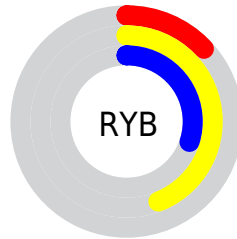
Distribution



Red (27%)

Green (44%)

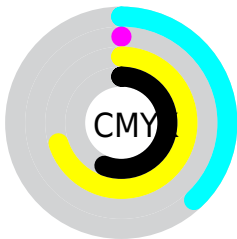
Blue (13%)



Red (13%)

Yellow (44%)

Blue (30%)

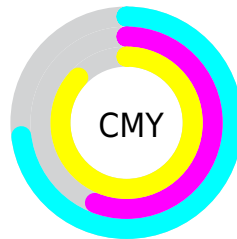


Cyan (38%)

Magenta (0%)

Yellow (70%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457022 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 457022 by changing the saturation by 10% instead.



457022



457022

FFFFFF



2C5707



79A453



134000



93BF6C



002900



AFDB86



001100



CBF8A1



000000



E7FFBC



FFFFD8



FFFFF5



457022



457022

■ 3F7017

■ 4B702D

■ 39700C

■ 517038

■ 327000

■ 587044

■ 5E704F

■ 64705A

■ 6A7065

■ 707070

■ 76707C

■ 7D7087

Harmonies

Analogous

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



6F660A



457022



007546

Triad

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



457022



0071AD



AB3F5C

Complementary

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



457022



4D2270

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.



9C4583



457022



1D66B3

Square

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



457022



007694



7456A3



A54837

Rectangle

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



457022



007761



7456A3



A93F69

Sweetspot

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



457022



819173



704D22



404A37



C9C9C9



4A4A4A

Same Dimension

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



457022



4E9117



227026



353832



367800



6FF700

Inverse Universe

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



4D2270



5B1791



70226C



363238



420078



8800F7

Previews

White Background



This preview shows how the Hex color 457022 looks on a white background.

Color Contrast Check

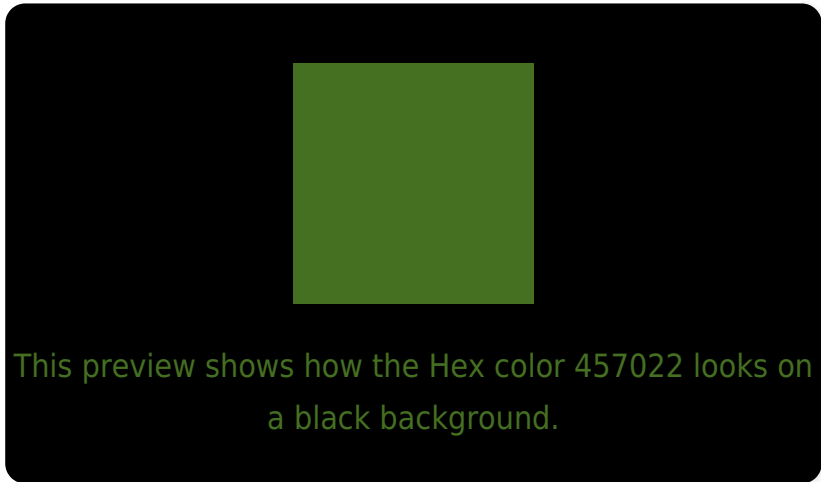
Large Text (above 18pt) WCAG AA ✓ Pass

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

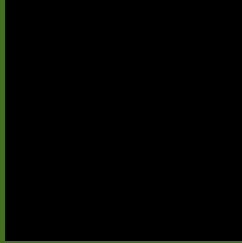
Any Text WCAG AA × Fail

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 457022 Background



This preview shows how black text looks on a background with the Hex color 457022.



This preview shows how white text looks on a background with the Hex color 457022.

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
457022

Protanopia
71651F

Deuteranopia
7D6028



Tritanopia
516971

Trichromacy



Original Color
457022

Protanomaly
616920

Deuteranomaly
696626

Tritanomaly
4D6C54

Monochromacy



Original Color
457022

Achromatopsia
5A5A5A

Achromatomaly
526246

CSS Examples

Text

The CSS property to change the color of the text to Hex 457022 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 #457022 looks like.

```
.text, #text, p{  
    color:#457022  
}
```

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 #457022 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457022
}
```

Border

The CSS property to change the border of an element to Hex 457022 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
#457022 }
```

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

```
.border{ border-color:#457022 }
```

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

Here you see how a box with a 4 pixel #457022 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457022; -webkit-box-shadow:4px 4px  
4px 4px #457022; box-shadow:4px 4px 4px  
4px #457022 }
```

Background

The CSS property to change the background color of an element to Hex 457022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457022 }
```

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

```
.background{ background-color:#457022 }
```

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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