

# Converting Colors

Hex(457927)

Have a look what the booklet for  
Hex(457927) contains.

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# Color

Hex(457927)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 457927                     |
| RGB           | 69, 121, 39                |
| RGB Percent   | 27%, 47%, 15%              |
| CMY           | 0.7294, 0.5255, 0.8471     |
| CMYK          | 0.43, 0.00, 0.68, 0.53     |
| HSL           | 98°, 51%, 31%              |
| HSV           | 98°, 68%, 47%              |
| XYZ           | 9.6578, 15.0864, 4.3224    |
| YIQ           | 96.1040, -4.6700, -36.5260 |

# Conversions

## Conversions Part 2

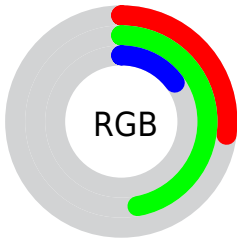
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 39, 121, 91                    |
| Decimal                             | 4552999                        |
| CIE <sub>Lab</sub>                  | 45.75, -32.85, 38.24           |
| CIE <sub>LCh</sub>                  | 46, 50.418, 130.666            |
| Yxy                                 | 15.0864, 0.3323,<br>0.5190     |
| Android<br>(android.graphics.Color) | 4282743079<br>(0xFF457927)     |
| YUV                                 | 96.1040, -28.1523,<br>-23.7702 |
| Hunter-Lab                          | 38.8413, -23.5884,<br>20.5909  |

# Details

The Hex color **457927** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **5B2779**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **79AE58**, and **0F4800** is the 20% darker color. If you saturate the color by 10%, you get **3D791B**, and if you desaturate by 10%, it is **4D7933**.

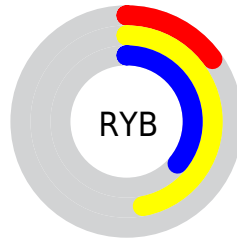
# Distribution



Red (27%)

Green (47%)

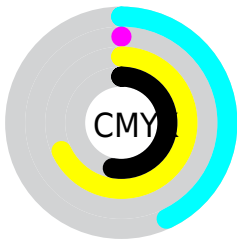
Blue (15%)



Red (15%)

Yellow (47%)

Blue (36%)

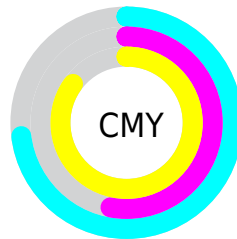


Cyan (43%)

Magenta (0%)

Yellow (68%)

Black (53%)



Cyan (73%)

Magenta (53%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 457927 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 457927 by changing the saturation by 10% instead.



 457927

 457927

FFFFFF

 2B600D

 79AE58

 0F4800

 94C972

 003100

 B0E68C

 001C00

 CCFFA7

 000000

 E9FFC2

 FFFFDF

 FFFFFC

 457927

 457927

■ 3D791B

■ 4D7933

■ 36790F

■ 54793F

■ 2E7903

■ 5C794B

■ 2C7900

■ 647957

■ 6B7963

■ 737970

■ 7B797C

■ 827988

■ 8A7994

# Harmonies

## Analogous

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



746F0A



457927



007E4F

# Triad

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



457927



0078BC



B8435F

# Complementary

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



457927



5B2779

# 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.



AA4989



457927



2C6CC0

# Square

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



457927



007FA2



815AAD



B04F37

# Rectangle

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



457927



00806C



815AAD



B6436D



# Sweetspot

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



457927



8A9E7E



795B27



434F3C



CFCFCF



4F4F4F



# Same Dimension

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



457927



4D9E1E



277932



393D37



2E7D00



5CFC00



# Inverse Universe

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



5B2779



6F1E9E



79276E



3B373D



4F007D



A000FC



# Previews

## White Background



This preview shows how the Hex color 457927 looks on a white background.

## Color Contrast Check

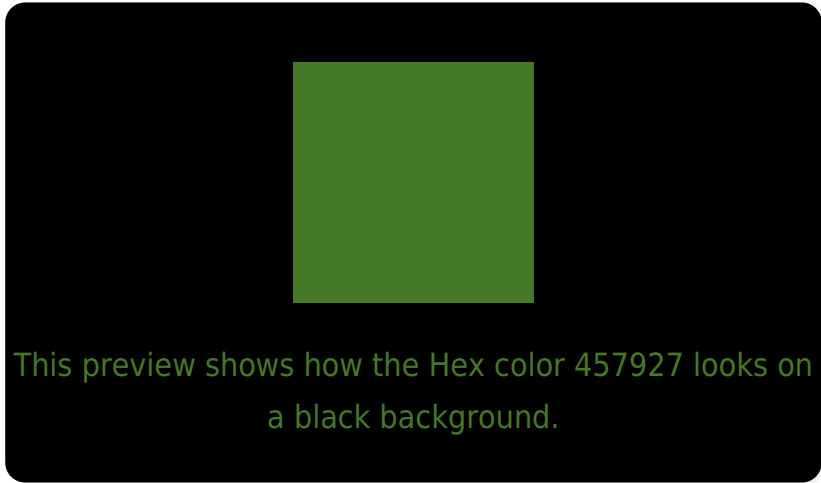
Large Text (above 18pt) WCAG AA ✓ Pass

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 457927 Background



This preview shows how black text looks on a background with the Hex color 457927.



This preview shows how white text looks on a background with the Hex color 457927.

# 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**  
457927

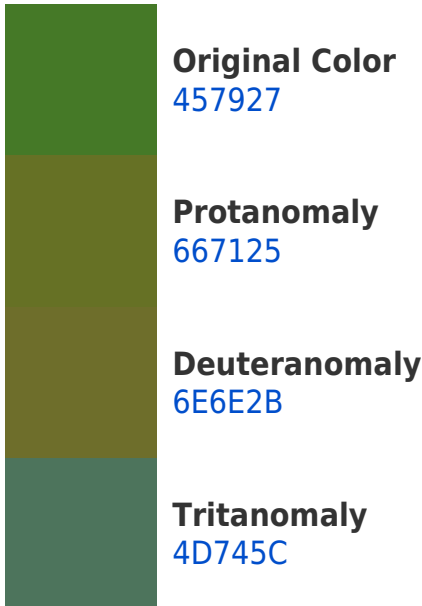
**Protanopia**  
796C24

**Deuteranopia**  
86672D

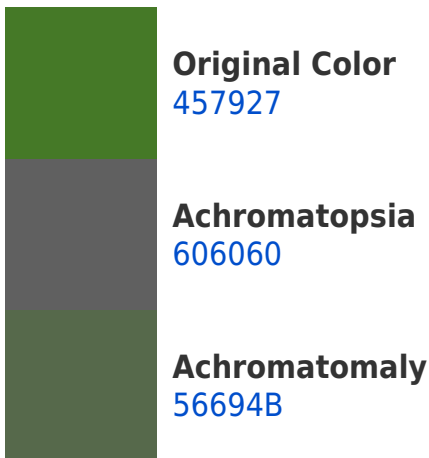


**Tritanopia**  
52717A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 457927 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 #457927 looks like.

```
.text, #text, p{  
    color:#457927  
}
```

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 #457927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457927
}
```

## Border

The CSS property to change the border of an element to Hex 457927 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
#457927 }
```

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

```
.border{ border-color:#457927 }
```

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

Here you see how a box with a 4 pixel #457927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457927; -webkit-box-shadow:4px 4px  
4px 4px #457927; box-shadow:4px 4px 4px  
4px #457927 }
```

# Background

The CSS property to change the background color of an element to Hex 457927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457927 }
```

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

```
.background{ background-color:#457927 }
```

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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