

# Converting Colors

Hex(457B09)

Have a look what the booklet for  
Hex(457B09) contains.

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**Color**

**Hex(457B09)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	457B09
RGB	69, 123, 9
RGB Percent	27%, 48%, 4%
CMY	0.7294, 0.5176, 0.9647
CMYK	0.44, 0.00, 0.93, 0.52
HSL	88°, 86%, 26%
HSV	88°, 93%, 48%
XYZ	9.5865, 15.4508, 2.7355
YIQ	93.8580, 4.4100, -46.9020

# Conversions

## Conversions Part 2

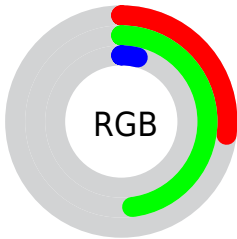
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	9, 123, 63
Decimal	4553481
CIE <sub>Lab</sub>	46.25, -35.56, 48.74
CIE <sub>LCh</sub>	46, 60.334, 126.109
Yxy	15.4508, 0.3452, 0.5563
Android (android.graphics.Color)	4282743561 (0xFF457B09)
YUV	93.8580, -41.8350, -21.8005
Hunter-Lab	39.3076, -25.2548, 23.3892

# Details

The Hex color **457B09** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **3F097B**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **7BB044**, and **0B4900** is the 20% darker color. If you saturate the color by 10%, you get **417B00**, and if you desaturate by 10%, it is **4B7B15**.

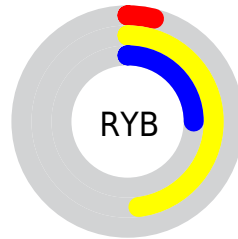
# Distribution



Red (27%)

Green (48%)

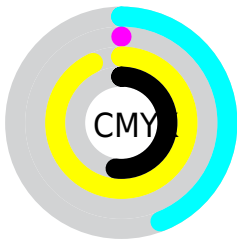
Blue (4%)



Red (4%)

Yellow (48%)

Blue (25%)

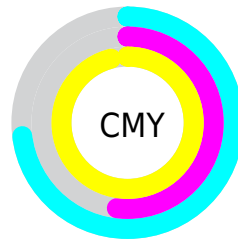


Cyan (44%)

Magenta (0%)

Yellow (93%)

Black (52%)



Cyan (73%)

Magenta (52%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 457B09 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 457B09 by changing the saturation by 10% instead.



 457B09

 457B09

FFFFFF

 2A6200

 7BB044

 0B4900

 96CC5D

 003200

 B2E878

 001E00

 CFFF93

 000000

 ECFFAE

 FFFFC4

 FFFFEE

 457B09

 457B09

■ 417B00

■ 4B7B15

■ 517B22

■ 567B2E

■ 5C7B3A

■ 627B46

■ 687B53

■ 6E7B5F

■ 747B6B

■ 797B78

# Harmonies

## Analogous

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



7B6F00



457B09



008242

# Triad

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



457B09



007ECA



C63465

# Complementary

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



457B09



3F097B

# 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.



B14198



457B09



0070D3

# Square

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



457B09



0083A8



7A5BC0



BF4435

# Rectangle

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



457B09



008465



7A5BC0



C23676



# Sweetspot

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



457B09



8BA174



7B3E09



445236



D1D1D1



525252



# Same Dimension

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



457B09



55A100



0D7B09



3A3D37



427D00



85FC00



# Inverse Universe

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



3F097B



4C00A1



77097B



3A373D



3B007D

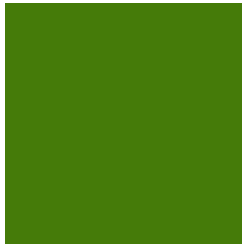


7800FC



# Previews

## White Background



This preview shows how the Hex color 457B09 looks on a white background.

## Color Contrast Check

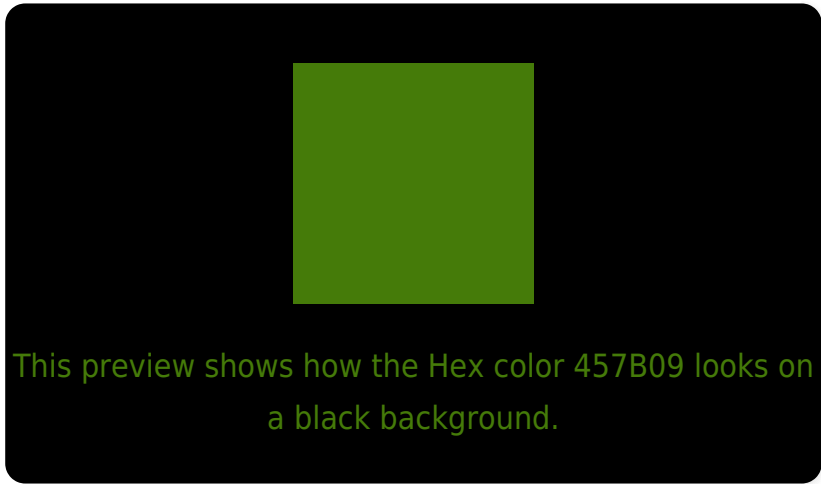
Large Text (above 18pt) WCAG AA ✓ Pass

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 457B09 Background



This preview shows how black text looks on a background with the Hex color 457B09.



This preview shows how white text looks on a background with the Hex color 457B09.

# 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**  
457B09

**Protanopia**  
7B6D00

**Deuteranopia**  
89681A



**Tritanopia**  
54727C

# Trichromacy



**Original Color**  
457B09

**Protanomaly**  
677203

**Deuteranomaly**  
706F14

**Tritanomaly**  
4F7552

# Monochromacy



**Original Color**  
457B09

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
55693F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 457B09 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 #457B09 looks like.

```
.text, #text, p{  
    color:#457B09  
}
```

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 #457B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457B09
}
```

## Border

The CSS property to change the border of an element to Hex 457B09 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
#457B09 }
```

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

```
.border{ border-color:#457B09 }
```

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

Here you see how a box with a 4 pixel #457B09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457B09; -webkit-box-shadow:4px 4px  
4px 4px #457B09; box-shadow:4px 4px 4px  
4px #457B09 }
```

# Background

The CSS property to change the background color of an element to Hex 457B09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457B09 }
```

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

```
.background{ background-color:#457B09 }
```

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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