

Converting Colors

Hex(457124)

Have a look what the booklet for
Hex(457124) contains.

Hex(457124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(457124)

Conversions

Conversions Part 1

Format	Color
Hex	457124
RGB	69, 113, 36
RGB Percent	27%, 44%, 14%
CMY	0.7294, 0.5569, 0.8588
CMYK	0.39, 0.00, 0.68, 0.56
HSL	94°, 52%, 29%
HSV	94°, 68%, 44%
XYZ	8.6778, 13.2028, 3.7601
YIQ	91.0660, -1.5070, -33.2750

Conversions

Conversions Part 2

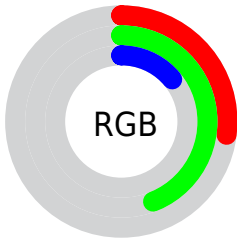
Format	Color
R_{YB}	36, 113, 80
Decimal	4550948
CIE _{Lab}	43.07, -29.46, 36.71
CIE _{LCh}	43, 47.068, 128.743
Yxy	13.2028, 0.3384, 0.5149
Android (android.graphics.Color)	4282741028 (0xFF457124)
YUV	91.0660, -27.1475, -19.3519
Hunter-Lab	36.3357, -20.9576, 19.2995

Details

The Hex color **457124** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **502471**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **79A555**, and **134000** is the 20% darker color. If you saturate the color by 10%, you get **3F7119**, and if you desaturate by 10%, it is **4B712F**.

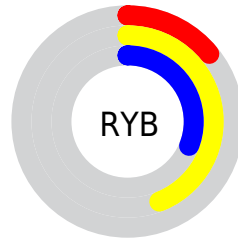
Distribution



Red (27%)

Green (44%)

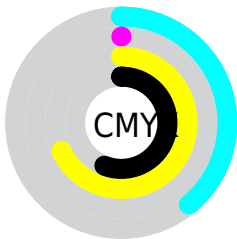
Blue (14%)



Red (14%)

Yellow (44%)

Blue (31%)

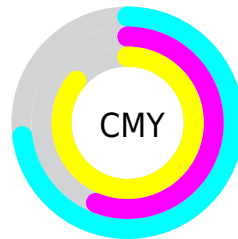


Cyan (39%)

Magenta (0%)

Yellow (68%)

Black (56%)



Cyan (73%)

Magenta (56%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457124 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 457124 by changing the saturation by 10% instead.

 457124

 457124

FFFFFF

 2C580A

 79A555

 134000

 93C06E

 002A00

 AFDC88

 001300

 CBF9A3

 000000

 E7FFBE

 FFFFDA

 FFFFF7

 457124

 457124

■ 3F7119

■ 4B712F

■ 38710D

■ 52713B

■ 327102

■ 587146

■ 307100

■ 5F7151

■ 65715D

■ 6C7168

■ 727173

■ 79717E

■ 7F718A

Harmonies

Analogous

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



6F670C



457124



007648

Triad

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



457124



0071AE



AC405C

Complementary

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



457124



502471

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.



9D4683



457124



2466B3

Square

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



457124



007796



7656A3



A64A37

Rectangle

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



457124



007863



7656A3



AA4069

Sweetspot

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



457124



839476



715024



404A38



C9C9C9



4A4A4A

Same Dimension

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



457124



4F941B



247129



353832



337800



6AF700

Inverse Universe

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



502471



601B94



71246C



363238



440078



8D00F7

Previews

White Background



This preview shows how the Hex color 457124 looks on a white background.

Color Contrast Check

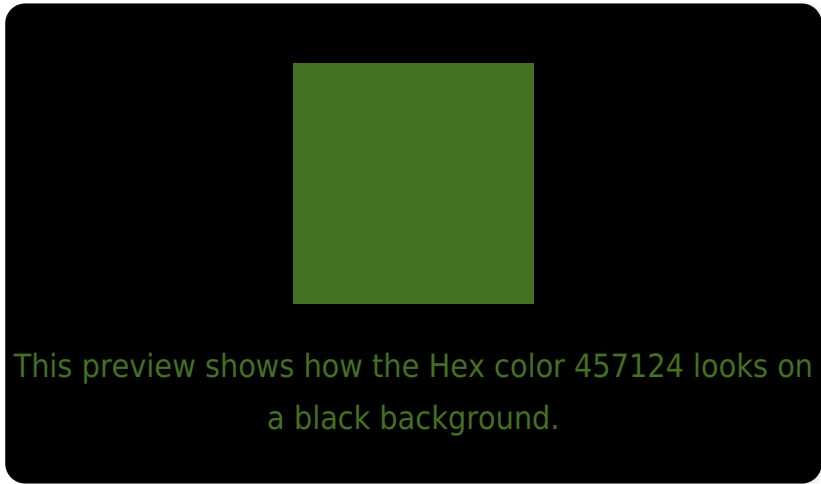
Large Text (above 18pt) WCAG AA ✓ Pass

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

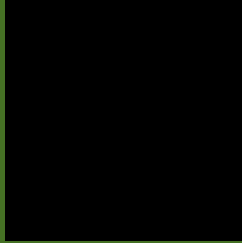
Any Text WCAG AA × Fail

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 457124 Background



This preview shows how black text looks on a background with the Hex color 457124.



This preview shows how white text looks on a background with the Hex color 457124.

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
457124

Protanopia
716621

Deuteranopia
7E602A



Tritanopia
516A72

Trichromacy



Original Color
457124

Protanomaly
616A22

Deuteranomaly
696628

Tritanomaly
4D6D56

Monochromacy



Original Color
457124

Achromatopsia
5B5B5B

Achromatomaly
536347

CSS Examples

Text

The CSS property to change the color of the text to Hex 457124 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 #457124 looks like.

```
.text, #text, p{  
    color:#457124  
}
```

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 #457124 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457124
}
```

Border

The CSS property to change the border of an element to Hex 457124 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".

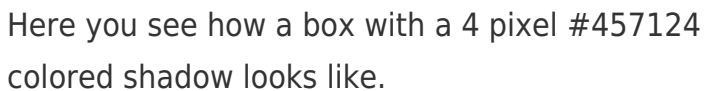
```
.border, #border, table{ border:4px solid
#457124 }
```

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

```
.border{ border-color:#457124 }
```

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

Here you see how a box with a 4 pixel #457124 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457124; -webkit-box-shadow:4px 4px  
4px 4px #457124; box-shadow:4px 4px 4px  
4px #457124 }
```

Background

The CSS property to change the background color of an element to Hex 457124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457124 }
```

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

```
.background{ background-color:#457124 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor