

Converting Colors

Hex(457345)

Have a look what the booklet for
Hex(457345) contains.

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Color

Hex(457345)

Conversions

Conversions Part 1

Format	Color
Hex	457345
RGB	69, 115, 69
RGB Percent	27%, 45%, 27%
CMY	0.7294, 0.5490, 0.7294
CMYK	0.40, 0.00, 0.40, 0.55
HSL	120°, 25%, 36%
HSV	120°, 40%, 45%
XYZ	9.6592, 13.9563, 7.8150
YIQ	96.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

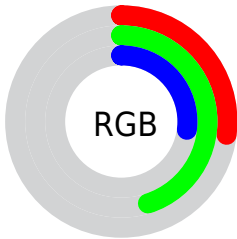
Format	Color
RYB	69, 115, 115
Decimal	4551493
CIELab	44.17, -26.02, 20.63
CIElCh	44, 33.207, 141.602
Yxy	13.9563, 0.3073, 0.4440
Android (android.graphics.Color)	4282741573 (0xFF457345)
YUV	96.0020, -13.3120, -23.6808
Hunter-Lab	37.3582, -19.2247, 13.7478

Details

The Hex color **457345** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **734573**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **77A776**, and **144219** is the 20% darker color. If you saturate the color by 10%, you get **3A733A**, and if you desaturate by 10%, it is **517351**.

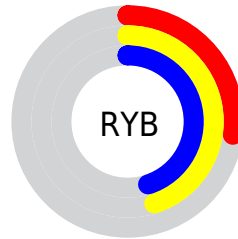
Distribution



Red (27%)

Green (45%)

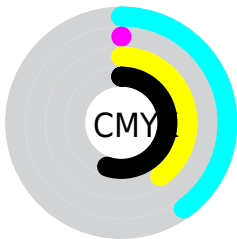
Blue (27%)



Red (27%)

Yellow (45%)

Blue (45%)

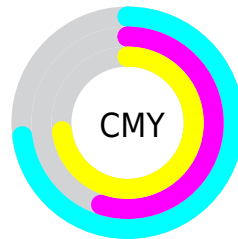


Cyan (40%)

Magenta (0%)

Yellow (40%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 457345 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 457345 by changing the saturation by 10% instead.



457345



457345

FFFFFF



2D5A2E



77A776



144219



92C390



002C00



ADDFAA



001700



C9FBC6



000000



E5FFE2

FFFFFFE



457345



457345



3A733A



517351

 2E732E

 5C735C

 237323

 687368

 177317

 737373

 0B730B

 7F737F

 007300

 8A738A

 967396

 A173A1

 AD73AD

Harmonies

Analogous

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



656D33



457345



12765F

Triad

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



457345



256E9F



9D5356

Complementary

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



457345



734573

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.



985271



457345



5F649C

Square

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



457345



007493



835A8B



945A3E

Rectangle

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



457345



007773



835A8B



9D525F

Sweetspot

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



457345



849684



737345



424D42



CCCCCC



4D4D4D

Same Dimension

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



457345



4E964E



45735C



353B35



007A00



00FA00

Inverse Universe

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



734573



964E96



73455C



3B353B



7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 457345 looks on a white background.

Color Contrast Check

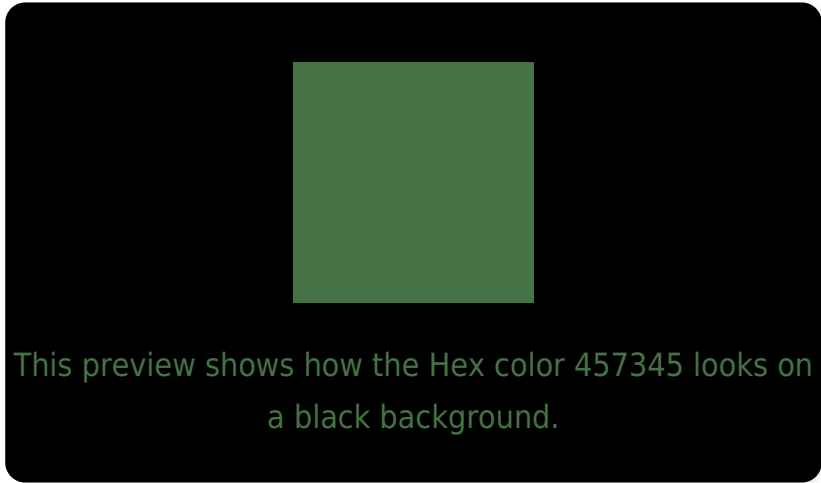
Large Text (above 18pt) WCAG AA ✓ Pass

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

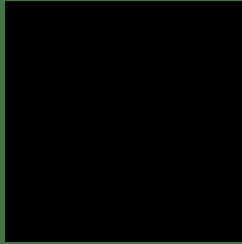
Any Text WCAG AA × Fail

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 457345 Background



This preview shows how black text looks on a background with the Hex color 457345.



This preview shows how white text looks on a background with the Hex color 457345.

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
457345

Protanopia
716841

Deuteranopia
7C6449



Tritanopia
4F6D76

Trichromacy



Original Color
457345

Protanomaly
616C42

Deuteranomaly
686948

Tritanomaly
4B6F64

Monochromacy



Original Color
457345

Achromatopsia
606060

Achromatomaly
566756

CSS Examples

Text

The CSS property to change the color of the text to Hex 457345 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 #457345 looks like.

```
.text, #text, p{  
    color:#457345  
}
```

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 #457345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #457345
}
```

Border

The CSS property to change the border of an element to Hex 457345 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
#457345 }
```

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

```
.border{ border-color:#457345 }
```

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

Here you see how a box with a 4 pixel #457345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #457345; -webkit-box-shadow:4px 4px  
4px 4px #457345; box-shadow:4px 4px 4px  
4px #457345 }
```

Background

The CSS property to change the background color of an element to Hex 457345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#457345 }
```

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

```
.background{ background-color:#457345 }
```

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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