

Converting Colors

Hex(297342)

Have a look what the booklet for
Hex(297342) contains.

Hex(297342)	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(297342)

Conversions

Conversions Part 1

Format	Color
Hex	297342
RGB	41, 115, 66
RGB Percent	16%, 45%, 26%
CMY	0.8392, 0.5490, 0.7412
CMYK	0.64, 0.00, 0.43, 0.55
HSL	140°, 47%, 31%
HSV	140°, 64%, 45%
XYZ	8.0286, 13.1262, 7.2647
YIQ	87.2880, -28.3750, -30.9270

Conversions

Conversions Part 2

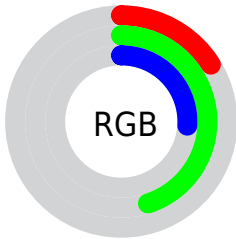
Format	Color
RYB	41, 96, 115
Decimal	2716482
CIELab	42.95, -34.72, 20.52
CIELCh	43, 40.337, 149.413
Yxy	13.1262, 0.2825, 0.4619
Android (android.graphics.Color)	4280906562 (0xFF297342)
YUV	87.2880, -10.4950, -40.5946
Hunter-Lab	36.2301, -23.8474, 13.4725

Details

The Hex color **297342** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **73295A**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **5FA873**, and **004216** is the 20% darker color. If you saturate the color by 10%, you get **1E733A**, and if you desaturate by 10%, it is **35734A**.

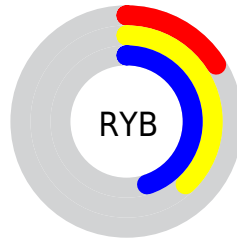
Distribution



Red (16%)

Green (45%)

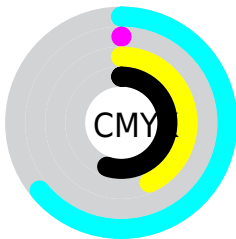
Blue (26%)



Red (16%)

Yellow (38%)

Blue (45%)

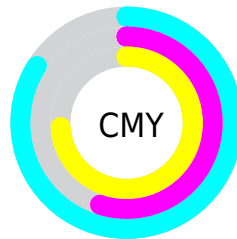


Cyan (64%)

Magenta (0%)

Yellow (43%)

Black (55%)



Cyan (84%)

Magenta (55%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297342 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 297342 by changing the saturation by 10% instead.

 297342

 297342

FFFFFF

 065A2B

 5FA873

 004216

 79C38C

 002B00

 95DFA7

 001200

 B0FCC2

 000000

 CCFFDE

 E9FFFB

 297342

 297342

 1E733A

 35734A

■ 127333

■ 407351

■ 07732B

■ 4C7359

■ 007327

■ 577360

■ 637368

■ 6E7370

■ 7A7377

■ 85737F

■ 917387

Harmonies

Analogous

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



576D28



297342



007664

Triad

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



297342



1369A8



A14B47

Complementary

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



297342



73295A

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.



A14867



297342



655DA0

Square

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



297342



00719E



8D4F88



92572C

Rectangle

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



297342



00767B



8D4F88



A34951

Sweetspot

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



297342



7A9684



5A7329



3B4D41



CCCCCC



4D4D4D

Same Dimension

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



297342



23964A



297367



353B37



007A29



00FA54

Inverse Universe

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



73295A



96236F



732935



3B3539



7A0051



FA00A5

Previews

White Background



This preview shows how the Hex color 297342 looks on a white background.

Color Contrast Check

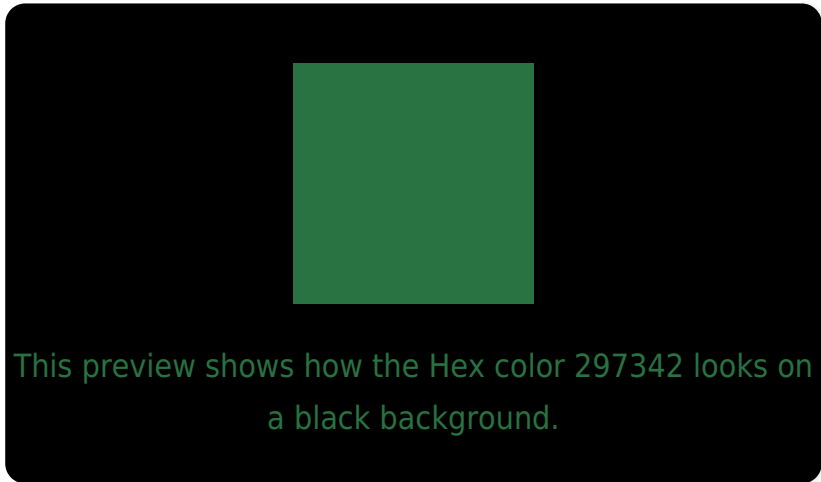
Large Text (above 18pt) WCAG AA ✓ Pass

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

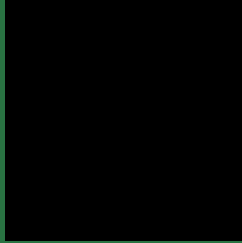
Any Text WCAG AA × Fail

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 297342 Background



This preview shows how black text looks on a background with the Hex color 297342.



This preview shows how white text looks on a background with the Hex color 297342.

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
297342

Protanopia
6E653D

Deuteranopia
786146



Tritanopia
396D76

Trichromacy



Original Color
297342

Protanomaly
556A3F

Deuteranomaly
5B6845

Tritanomaly
336F63

Monochromacy



Original Color
297342

Achromatopsia
575757

Achromatomaly
46614F

CSS Examples

Text

The CSS property to change the color of the text to Hex 297342 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 #297342 looks like.

```
.text, #text, p{  
    color:#297342  
}
```

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 #297342 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297342
}
```

Border

The CSS property to change the border of an element to Hex 297342 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".

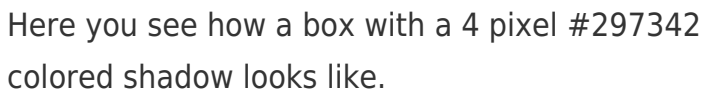
```
.border, #border, table{ border:4px solid
#297342 }
```

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

```
.border{ border-color:#297342 }
```

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

Here you see how a box with a 4 pixel #297342 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #297342; -webkit-box-shadow:4px 4px  
4px 4px #297342; box-shadow:4px 4px 4px  
4px #297342 }
```

Background

The CSS property to change the background color of an element to Hex 297342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#297342 }
```

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

```
.background{ background-color:#297342 }
```

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