Converting Colors

Hex(297145)

Have a look what the booklet for Hex(297145) contains.

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Color

Hex(297145)

Conversions

Conversions Part 1

Format	Color
Hex	297145
RGB	41, 113, 69
RGB Percent	16%, 44%, 27%
CMY	0.8392, 0.5569, 0.7294
CMYK	0.64, 0.00, 0.39, 0.56
HSL	143°, 47%, 30%
HSV	143°, 64%, 44%
XYZ	7.8938, 12.7113, 7.6677
YIQ	86.4560, -28.7880, -28.9480

Conversions

Conversions Part 2

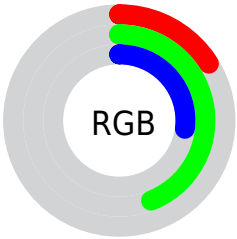
Format	Color
RYB	41, 93, 113
Decimal	2715973
CIELab	42.33, -33.25, 17.97
CIELCh	42, 37.798, 151.614
Yxy	12.7113, 0.2792, 0.4496
Android (android.graphics.Color)	4280906053 (0xFF297145)
YUV	86.4560, -8.6058, -39.8649
Hunter-Lab	35.6530, -22.8719, 12.2059

Details

The Hex color 297145 is a dark color, and the websafe version is hex 336633. A complement of this color would be 712955, and the grayscale version is 575757.

A 20% lighter version of the original color is 5EA676, and 004019 is the 20% darker color. If you saturate the color by 10%, you get 1E713E, and if you desaturate by 10%, it is 34714C.

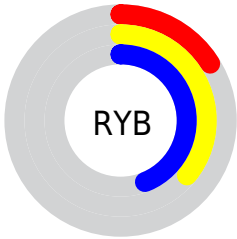
Distribution



Red (16%)

Green (44%)

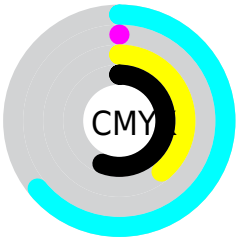
Blue (27%)



Red (16%)

Yellow (36%)

Blue (44%)

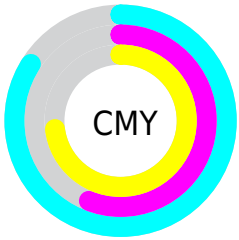


Cyan (64%)

Magenta (0%)

Yellow (39%)

Black (56%)



Cyan (84%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 297145 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 297145 by changing the saturation by 10% instead.

297145

FFFFFF

5EA676

79C18F

94DDAA

B0FAC5

CCFFE1

E9FFFE

297145

07582E

004019

002A00

000F00

000000

297145

1E713E

297145

34714C

127137

077130

00712C

407153

4B715A

567161

627168

6D716E

787175

83717C

8F7183

Harmonies

Analogous

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

546C2C

297145

007365

Triad

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

297145

2867A2

9C4D45

Complementary

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

297145

712955

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.

9C4963

297145

685B99

Square

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

297145

006F9A

8B4F82

8D572D

Rectangle

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

297145

00737A

8B4F82

9E4A4F

Sweetspot

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

297145

789483

557129

394A40

C9C9C9

4A4A4A

Same Dimension

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

297145

23944F

297169

323835

00782F

00F760

Inverse Universe

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

712955

942368

712931

383236

780049

F70097

Previews

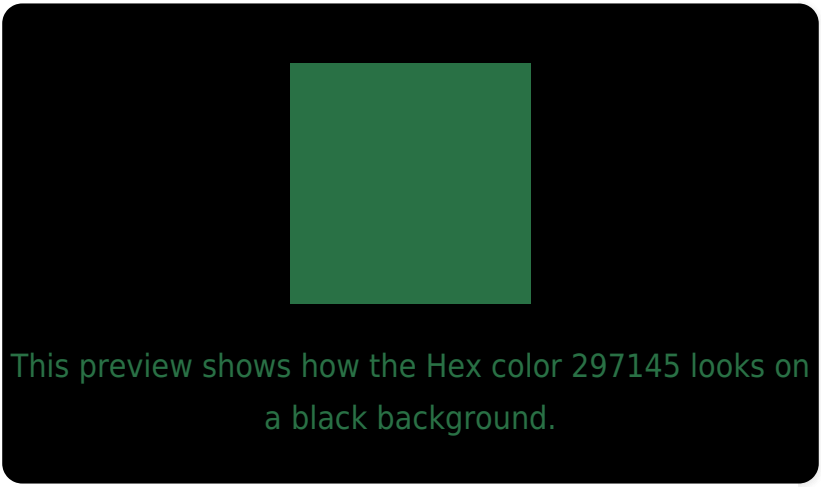
White Background

This preview shows how the Hex color 297145 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

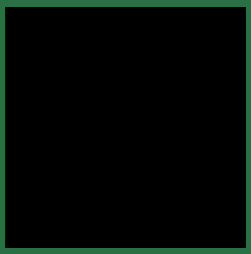


Color Contrast Check

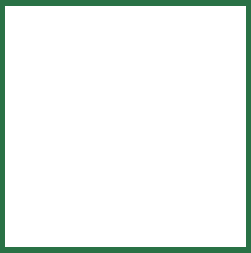
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 297145 Background



This preview shows how black text looks on a background with the Hex color 297145.



This preview shows how white text looks on a background with the Hex color 297145.

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
297145

Protanopia
6C6340

Deuteranopia
765F49

Tritanopia
386B74

Trichromacy

Original Color
297145

Protanomaly
546842

Deuteranomaly
5A6648

Tritanomaly
336D63

Monochromacy

Original Color
297145

Achromatopsia
565656

Achromatomaly
466050

CSS Examples

Text

The CSS property to change the color of the text to Hex 297145 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 #297145 looks like.

```
.text, #text, p{
    color:#297145
}
```

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 #297145 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #297145
}
```

Border

The CSS property to change the border of an element to Hex 297145 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
#297145 }
```

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

```
.border{ border-color:#297145 }
```

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

Here you see how a box with a 4 pixel #297145 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #297145; -webkit-box-shadow:4px 4px 4px 4px #297145; box-shadow:4px 4px 4px 4px #297145 }
```

Background

The CSS property to change the background color of an element to Hex 297145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#297145 }
```

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

```
.background{ background-color:#297145 }
```

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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