

Converting Colors

Hex(267749)

Have a look what the booklet for
Hex(267749) contains.

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Color

Hex(267749)

Conversions

Conversions Part 1

Format	Color
Hex	267749
RGB	38, 119, 73
RGB Percent	15%, 47%, 29%
CMY	0.8510, 0.5333, 0.7137
CMYK	0.68, 0.00, 0.39, 0.53
HSL	146°, 52%, 31%
HSV	146°, 68%, 47%
XYZ	8.5988, 14.0868, 8.5691
YIQ	89.5370, -33.5100, -31.4780

Conversions

Conversions Part 2

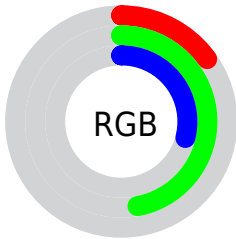
Format	Color
R_{YB}	38, 95, 119
Decimal	2520905
CIE _{Lab}	44.36, -35.70, 18.36
CIE _{LCh}	44, 40.144, 152.790
Yxy	14.0868, 0.2751, 0.4507
Android (android.graphics.Color)	4280710985 (0xFF267749)
YUV	89.5370, -8.1527, -45.1979
Hunter-Lab	37.5323, -24.7868, 12.7359

Details

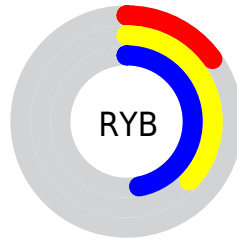
The Hex color **267749** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **772654**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **5DAC7A**, and **00451C** is the 20% darker color. If you saturate the color by 10%, you get **1A7742**, and if you desaturate by 10%, it is **327750**.

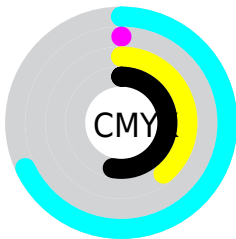
Distribution



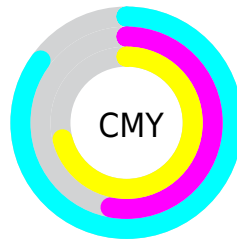
- Red (15%)
- Green (47%)
- Blue (29%)



- Red (15%)
- Yellow (37%)
- Blue (47%)



- Cyan (68%)
- Magenta (0%)
- Yellow (39%)
- Black (53%)



- Cyan (85%)
- Magenta (53%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 267749 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 267749 by changing the saturation by 10% instead.

 267749

 267749

FFFFFF

 005E32

 5DAC7A

 00451C

 78C894

 002E05

 93E4AF

 001800

 AFFFCA

 000000

 CCFE6

 E9FFFF

 267749

 267749

 1A7742

 327750

■ 0E773B

■ 3E7757

■ 027735

■ 4A775D

■ 007733

■ 567764

■ 62776B

■ 6D7772

■ 797778

■ 85777F

■ 917786

Harmonies

Analogous

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



56712E



267749



00796B

Triad

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



267749



2B6CAC



A45047

Complementary

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



267749



772654

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.



A54B67



267749



6F5FA1

Square

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



267749



0074A4



945288



945C2D

Rectangle

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



267749



007982



945288



A64D51

Sweetspot

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



267749



7C9C8A



557726



3C4F44



CFCFCF



4F4F4F

Same Dimension

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



267749



1C9C53



267770



353B37



007A35



00FA6C

Inverse Universe

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



772654



9C1C64



77262D



3B3538



7A0046



FA008E

Previews

White Background



This preview shows how the Hex color 267749 looks on a white background.

Color Contrast Check

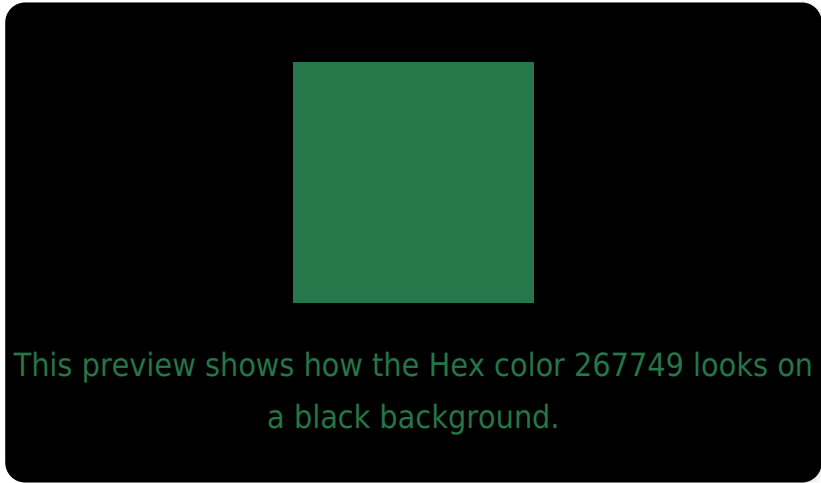
Large Text (above 18pt) WCAG AA ✓ Pass

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 267749 Background



This preview shows how black text looks on a background with the Hex color 267749.



This preview shows how white text looks on a background with the Hex color 267749.

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
267749

Protanopia
716843

Deuteranopia
7B644D



Tritanopia
37717A

Trichromacy



Original Color
267749

Protanomaly
566D45

Deuteranomaly
5C6B4C

Tritanomaly
317368

Monochromacy



Original Color
267749

Achromatopsia
5A5A5A

Achromatomaly
476554

CSS Examples

Text

The CSS property to change the color of the text to Hex 267749 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 #267749 looks like.

```
.text, #text, p{  
    color:#267749  
}
```

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 #267749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #267749
}
```

Border

The CSS property to change the border of an element to Hex 267749 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
#267749 }
```

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

```
.border{ border-color:#267749 }
```

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

Here you see how a box with a 4 pixel #267749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #267749; -webkit-box-shadow:4px 4px  
4px 4px #267749; box-shadow:4px 4px 4px  
4px #267749 }
```

Background

The CSS property to change the background color of an element to Hex 267749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#267749 }
```

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

```
.background{ background-color:#267749 }
```

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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