

Converting Colors

Hex(227745)

Have a look what the booklet for
Hex(227745) contains.

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Color

Hex(227745)

Conversions

Conversions Part 1

Format	Color
Hex	227745
RGB	34, 119, 69
RGB Percent	13%, 47%, 27%
CMY	0.8667, 0.5333, 0.7294
CMYK	0.71, 0.00, 0.42, 0.53
HSL	145°, 56%, 30%
HSV	145°, 71%, 47%
XYZ	8.3307, 13.9634, 7.8864
YIQ	87.8850, -34.6100, -33.5700

Conversions

Conversions Part 2

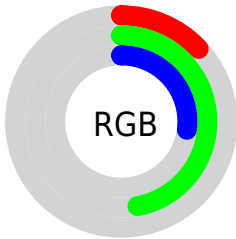
Format	Color
RYB	34, 94, 119
Decimal	2258757
CIELab	44.18, -37.30, 20.39
CIELCh	44, 42.507, 151.334
Yxy	13.9634, 0.2760, 0.4627
Android (android.graphics.Color)	4280448837 (0xFF227745)
YUV	87.8850, -9.3103, -47.2571
Hunter-Lab	37.3676, -25.5988, 13.6443

Details

The Hex color **227745** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **772254**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **5AAC76**, and **004518** is the 20% darker color. If you saturate the color by 10%, you get **16773E**, and if you desaturate by 10%, it is **2E774C**.

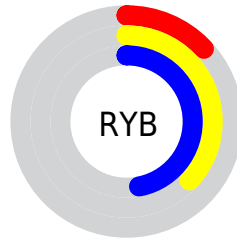
Distribution



Red (13%)

Green (47%)

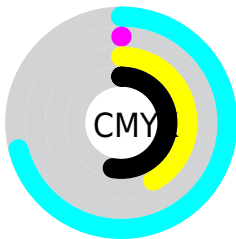
Blue (27%)



Red (13%)

Yellow (37%)

Blue (47%)

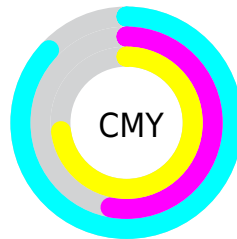


Cyan (71%)

Magenta (0%)

Yellow (42%)

Black (53%)



Cyan (87%)

Magenta (53%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 227745 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 227745 by changing the saturation by 10% instead.

■ 227745

■ 227745

FFFFFF

■ 005E2E

■ 5AAC76

■ 004518

■ 76C890

■ 002E00

■ 91E4AA

■ 001700

■ ADFFC6

■ 000000

■ C9FFE2

■ E6FFFE

■ 227745

■ 227745

■ 16773E

■ 2E774C

■ 0A7737

■ 3A7753

■ 007731

■ 46775A

■ 527761

■ 5E7768

■ 69776F

■ 757776

■ 81777D

■ 8D7784

Harmonies

Analogous

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



567128



227745



007A69

Triad

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



227745



166CAF



A74D46

Complementary

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



227745



772254

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.



A84868



227745



6C5EA5

Square

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



227745



0075A6



95508B



965A2A

Rectangle

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



227745



007A81



95508B



A94A51

Sweetspot

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



227745



7B9C88



557722



3B4F43



CFCFCF



4F4F4F

Same Dimension

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



227745



169C4D



22776E



353B37



007A32



00FA67

Inverse Universe

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



772254



9C1664



77222B



3B3538



7A0048



FA0093

Previews

White Background



This preview shows how the Hex color 227745 looks on a white background.

Color Contrast Check

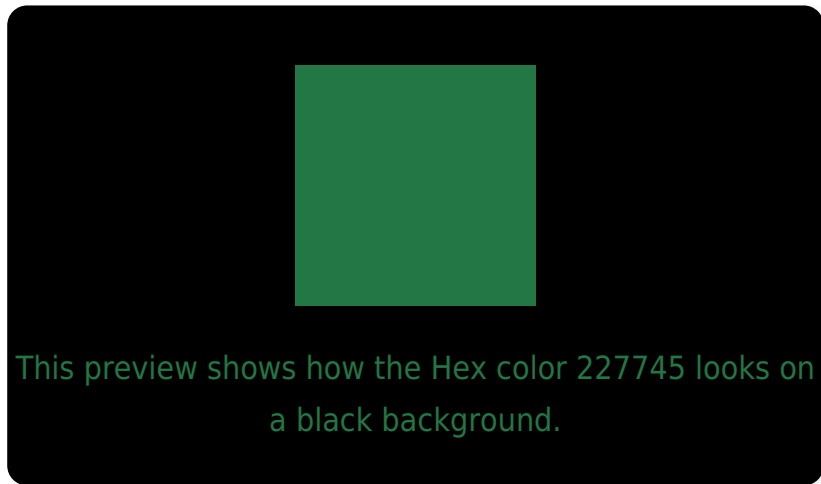
Large Text (above 18pt) WCAG AA ✓ Pass

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 227745 Background



This preview shows how black text looks on a background with the Hex color 227745.



This preview shows how white text looks on a background with the Hex color 227745.

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
227745

Protanopia
72683F

Deuteranopia
7C634A



Tritanopia
36717A

Trichromacy



Original Color
227745

Protanomaly
556D41

Deuteranomaly
5B6A48

Tritanomaly
2F7367

Monochromacy



Original Color
227745

Achromatopsia
585858

Achromatomaly
446351

CSS Examples

Text

The CSS property to change the color of the text to Hex 227745 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 #227745 looks like.

```
.text, #text, p{  
    color:#227745  
}
```

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 #227745 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #227745
}
```

Border

The CSS property to change the border of an element to Hex 227745 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".

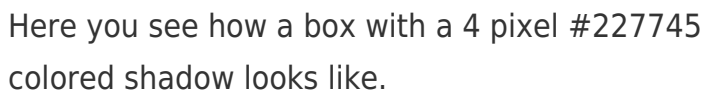
```
.border, #border, table{ border:4px solid
#227745 }
```

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

```
.border{ border-color:#227745 }
```

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

Here you see how a box with a 4 pixel #227745 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #227745; -webkit-box-shadow:4px 4px  
4px 4px #227745; box-shadow:4px 4px 4px  
4px #227745 }
```

Background

The CSS property to change the background color of an element to Hex 227745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#227745 }
```

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

```
.background{ background-color:#227745 }
```

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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