

# Converting Colors

Hex(257845)

Have a look what the booklet for  
Hex(257845) contains.

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# Color

Hex(257845)

# Conversions

## Conversions Part 1

Format	Color
Hex	257845
RGB	37, 120, 69
RGB Percent	15%, 47%, 27%
CMY	0.8549, 0.5294, 0.7294
CMYK	0.69, 0.00, 0.43, 0.53
HSL	143°, 53%, 31%
HSV	143°, 69%, 47%
XYZ	8.5536, 14.2559, 7.9311
YIQ	89.3690, -33.0970, -33.4570

# Conversions

## Conversions Part 2

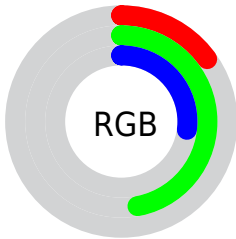
<b>Format</b>	<b>Color</b>
<b>RYB</b>	37, 97, 120
Decimal	2455621
CIELab	44.60, -37.13, 20.95
CIELCh	45, 42.636, 150.565
Yxy	14.2559, 0.2783, 0.4637
Android (android.graphics.Color)	4280645701 (0xFF257845)
YUV	89.3690, -10.0419, -45.9276
Hunter-Lab	37.7570, -25.6368, 13.9757

# Details

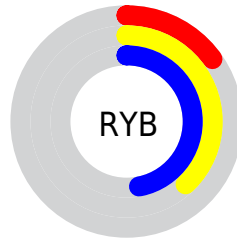
The Hex color **257845** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **782558**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5DAD76**, and **004618** is the 20% darker color. If you saturate the color by 10%, you get **19783E**, and if you desaturate by 10%, it is **31784C**.

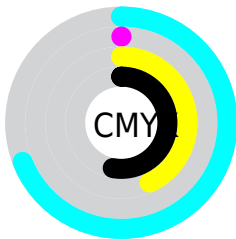
# Distribution



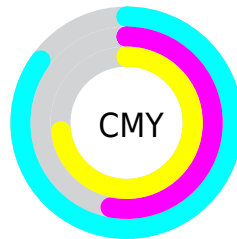
- Red (15%)
- Green (47%)
- Blue (27%)



- Red (15%)
- Yellow (38%)
- Blue (47%)



- Cyan (69%)
- Magenta (0%)
- Yellow (43%)
- Black (53%)



- Cyan (85%)
- Magenta (53%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 257845 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 257845 by changing the saturation by 10% instead.



 257845

 257845

FFFFFF

 005F2E

 5DAD76

 004618

 78C990

 002F00

 93E5AA

 001900

 AFFFC6

 000000


 CBFFE2

 E8FFFF

 257845

 257845

 19783E

 31784C

■ 0D7836

■ 3D7854

■ 01782F

■ 49785B

■ 00782E

■ 557862

■ 61786A

■ 6D7871

■ 797879

■ 857880

■ 917887

# Harmonies

## Analogous

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



587228



257845



007B69

# Triad

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



257845



126DB0



A84E47

# Complementary

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



257845



782558

# 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.



A9496A



257845



6B60A7

# Square

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



257845



0076A7



95518D



985B2B

# Rectangle

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



257845



007B81



95518D



AB4B53



# Sweetspot

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



257845



7B9C87



587825



3B4F43



CFCFCF



4F4F4F



# Same Dimension

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



257845



1A9C4C



25786E



373D39



007D30



00FC61



# Inverse Universe

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



782558



9C1A6A



78252F



3D373B



7D004D

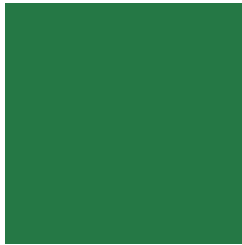


FC009B



# Previews

## White Background



This preview shows how the Hex color 257845 looks on a white background.

## Color Contrast Check

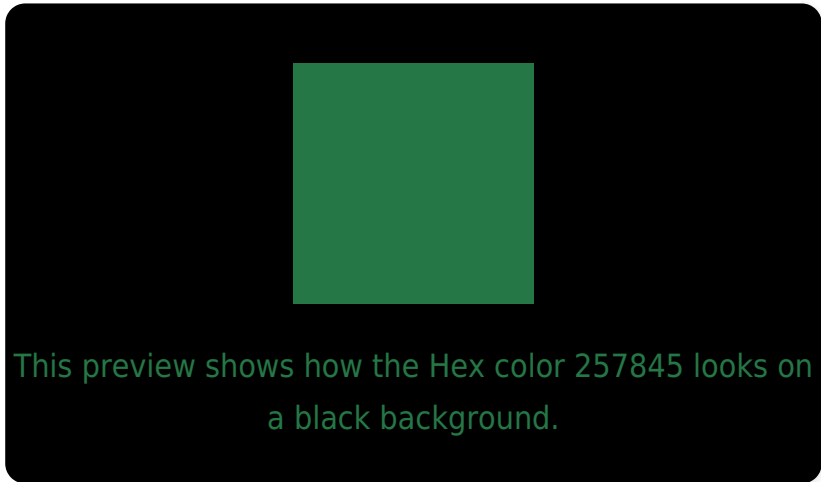
Large Text (above 18pt) WCAG AA ✓ Pass

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 257845 Background



This preview shows how black text looks on a background with the Hex color 257845.



This preview shows how white text looks on a background with the Hex color 257845.

# 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**  
257845

**Protanopia**  
73693F

**Deuteranopia**  
7D644A



**Tritanopia**  
38727B

# Trichromacy



**Original Color**  
257845

**Protanomaly**  
576E41

**Deuteranomaly**  
5D6B48

**Tritanomaly**  
317467

# Monochromacy



**Original Color**  
257845

**Achromatopsia**  
595959

**Achromatomaly**  
466452

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 257845 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 #257845 looks like.

```
.text, #text, p{  
    color:#257845  
}
```

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 #257845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257845
}
```

## Border

The CSS property to change the border of an element to Hex 257845 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
#257845 }
```

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

```
.border{ border-color:#257845 }
```

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

Here you see how a box with a 4 pixel #257845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257845; -webkit-box-shadow:4px 4px  
4px 4px #257845; box-shadow:4px 4px 4px  
4px #257845 }
```

# Background

The CSS property to change the background color of an element to Hex 257845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257845 }
```

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

```
.background{ background-color:#257845 }
```

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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