

Converting Colors

Hex(257229)

Have a look what the booklet for
Hex(257229) contains.

Hex(257229)	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(257229)

Conversions

Conversions Part 1

Format	Color
Hex	257229
RGB	37, 114, 41
RGB Percent	15%, 45%, 16%
CMY	0.8549, 0.5529, 0.8392
CMYK	0.68, 0.00, 0.64, 0.55
HSL	123°, 51%, 30%
HSV	123°, 68%, 45%
XYZ	7.1805, 12.5880, 4.1491
YIQ	82.6550, -22.4590, -39.0270

Conversions

Conversions Part 2

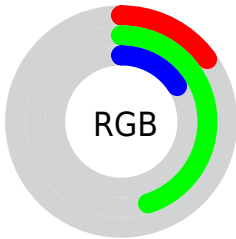
Format	Color
R_{YB}	37, 110, 114
Decimal	2454057
CIE _{Lab}	42.14, -39.22, 32.93
CIE _{LCh}	42, 51.210, 139.978
Yxy	12.5880, 0.3002, 0.5263
Android (android.graphics.Color)	4280644137 (0xFF257229)
YUV	82.6550, -20.5359, -40.0394
Hunter-Lab	35.4796, -25.9638, 17.9022

Details

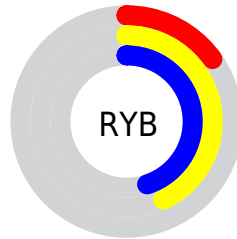
The Hex color **257229** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **72256E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5CA759**, and **004100** is the 20% darker color. If you saturate the color by 10%, you get **1A721E**, and if you desaturate by 10%, it is **307234**.

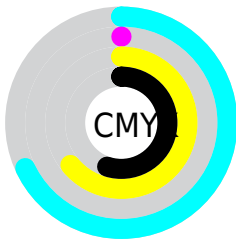
Distribution



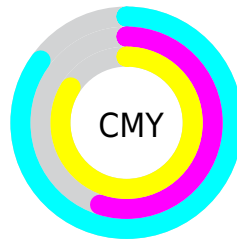
- Red (15%)
- Green (45%)
- Blue (16%)



- Red (15%)
- Yellow (43%)
- Blue (45%)



- Cyan (68%)
- Magenta (0%)
- Yellow (64%)
- Black (55%)



- Cyan (85%)
- Magenta (55%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257229 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 257229 by changing the saturation by 10% instead.



257229



257229

FFFFFF



005911



5CA759



004100



77C273



002B00



93DE8D



000E00



AFFBA7



000000



CBFFC3



E8FFDF



FFFFFFC



257229



257229

■ 1A721E

■ 307234

■ 0E7213

■ 3C723F

■ 037209

■ 477249

■ 007206

■ 537254

■ 5E725F

■ 69726A

■ 757275

■ 80727F

■ 8C728A

Harmonies

Analogous

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



5D6A00



257229



007653

Triad

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



257229



006DB7



AE3A49

Complementary

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



257229



72256E

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.



A83A73



257229



455EB3

Square

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



257229



0074A4



884B9A



A04B23

Rectangle

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



257229



007771



884B9A



AF3857

Sweetspot

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



257229



769478



6E7225



384A39



C9C9C9



4A4A4A

Same Dimension

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



257229



1C9422



25724F



323833



007806



00F70D

Inverse Universe

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



72256E



941C8E



722548



383238



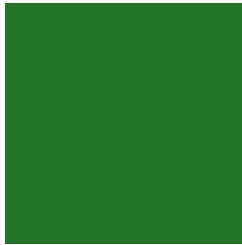
780072



F700EB

Previews

White Background



This preview shows how the Hex color 257229 looks on a white background.

Color Contrast Check

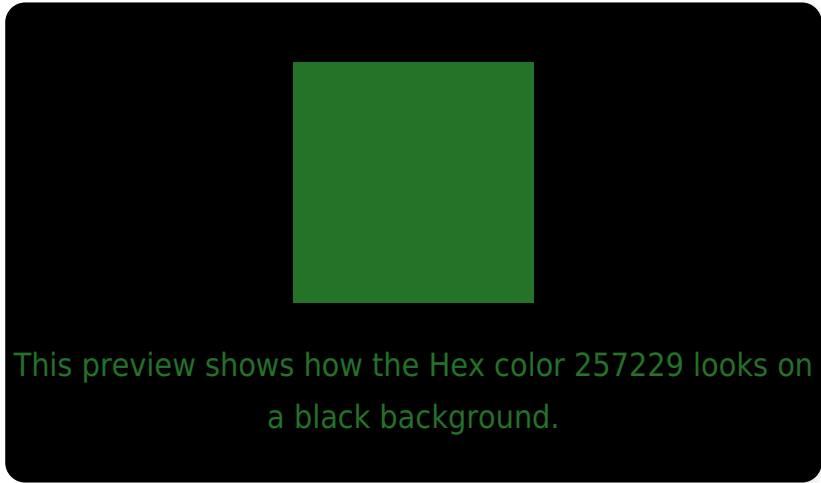
Large Text (above 18pt) WCAG AA ✓ Pass

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 257229 Background



This preview shows how black text looks on a background with the Hex color 257229.



This preview shows how white text looks on a background with the Hex color 257229.

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
257229

Protanopia
6E6325

Deuteranopia
7A5E2F



Tritanopia
396B73

Trichromacy



Original Color
257229

Protanomaly
536826

Deuteranomaly
5B652D

Tritanomaly
326E58

Monochromacy



Original Color
257229

Achromatopsia
535353

Achromatomaly
425E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 257229 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 #257229 looks like.

```
.text, #text, p{  
    color:#257229  
}
```

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 #257229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257229
}
```

Border

The CSS property to change the border of an element to Hex 257229 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
#257229 }
```

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

```
.border{ border-color:#257229 }
```

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

Here you see how a box with a 4 pixel #257229 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257229; -webkit-box-shadow:4px 4px  
4px 4px #257229; box-shadow:4px 4px 4px  
4px #257229 }
```

Background

The CSS property to change the background color of an element to Hex 257229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257229 }
```

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

```
.background{ background-color:#257229 }
```

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