

Converting Colors

Hex(257718)

Have a look what the booklet for
Hex(257718) contains.

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Color

Hex(257718)

Conversions

Conversions Part 1

Format	Color
Hex	257718
RGB	37, 119, 24
RGB Percent	15%, 47%, 9%
CMY	0.8549, 0.5333, 0.9059
CMYK	0.69, 0.00, 0.80, 0.53
HSL	112°, 66%, 28%
HSV	112°, 80%, 47%
XYZ	7.5246, 13.6529, 3.1028
YIQ	83.6520, -18.3770, -46.9290

Conversions

Conversions Part 2

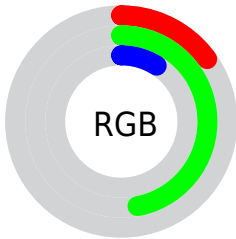
Format	Color
RYB	24, 119, 106
Decimal	2455320
CIELab	43.73, -42.77, 41.90
CIELCh	44, 59.869, 135.590
Yxy	13.6529, 0.3099, 0.5623
Android (android.graphics.Color)	4280645400 (0xFF257718)
YUV	83.6520, -29.4084, -40.9138
Hunter-Lab	36.9499, -28.3116, 20.8861

Details

The Hex color **257718** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **6A1877**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5EAC4B**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **1B770C**, and if you desaturate by 10%, it is **2F7724**.

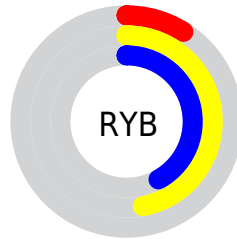
Distribution



Red (15%)

Green (47%)

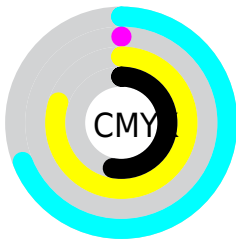
Blue (9%)



Red (9%)

Yellow (47%)

Blue (42%)

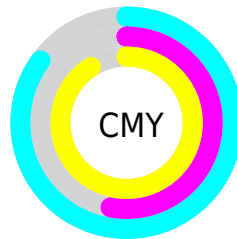


Cyan (69%)

Magenta (0%)

Yellow (80%)

Black (53%)



Cyan (85%)

Magenta (53%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 257718 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 257718 by changing the saturation by 10% instead.



257718



257718

FFFFFF



005E00



5EAC4B



004500



7AC865



002E00



96E47F



001500



B2FF99



000000



CEFFB5



ECFFD1



FFFFEE



257718



257718

■ 1B770C

■ 2F7724

■ 107700

■ 3A7730

■ 44773C

■ 4E7748

■ 587753

■ 63775F

■ 6D776B

■ 777777

■ 817783

Harmonies

Analogous

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



656D00



257718



007C4D

Triad

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



257718



0074C8



BE3050

Complementary

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



257718



6A1877

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.



B33481



257718



1E64C8

Square

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



257718



007BAE



894DAE



B04521

Rectangle

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



257718



007D70



894DAE



BE2D60

Sweetspot

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



257718



7B9C76



776918



3B4F38



CFCFCF



4F4F4F

Same Dimension

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



257718



1B9C06



187739



363B35



117A00



22FA00

Inverse Universe

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



6A1877



87069C



771856



3A353B



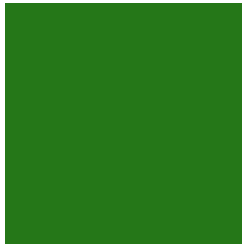
6A007A



D800FA

Previews

White Background



This preview shows how the Hex color 257718 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

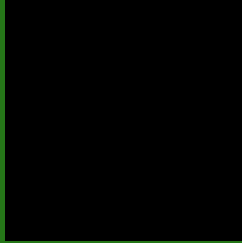
Any Text WCAG AA × Fail

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 257718 Background



This preview shows how black text looks on a background with the Hex color 257718.



This preview shows how white text looks on a background with the Hex color 257718.

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
257718

Protanopia
746714

Deuteranopia
816222



Tritanopia
3C6F78

Trichromacy



Original Color
257718

Protanomaly
576D15

Deuteranomaly
606A1E

Tritanomaly
347255

Monochromacy



Original Color
257718

Achromatopsia
545454

Achromatomaly
43613E

CSS Examples

Text

The CSS property to change the color of the text to Hex 257718 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 #257718 looks like.

```
.text, #text, p{  
    color:#257718  
}
```

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 #257718 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #257718
}
```

Border

The CSS property to change the border of an element to Hex 257718 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
#257718 }
```

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

```
.border{ border-color:#257718 }
```

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

Here you see how a box with a 4 pixel #257718 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #257718; -webkit-box-shadow:4px 4px  
4px 4px #257718; box-shadow:4px 4px 4px  
4px #257718 }
```

Background

The CSS property to change the background color of an element to Hex 257718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#257718 }
```

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

```
.background{ background-color:#257718 }
```

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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