

Converting Colors

Hex(127518)

Have a look what the booklet for
Hex(127518) contains.

Hex(127518)	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(127518)

Conversions

Conversions Part 1

Format	Color
Hex	127518
RGB	18, 117, 24
RGB Percent	7%, 46%, 9%
CMY	0.9294, 0.5412, 0.9059
CMYK	0.85, 0.00, 0.79, 0.54
HSL	124°, 73%, 26%
HSV	124°, 85%, 46%
XYZ	6.7756, 12.9171, 3.0003
YIQ	76.7970, -29.1510, -49.9110

Conversions

Conversions Part 2

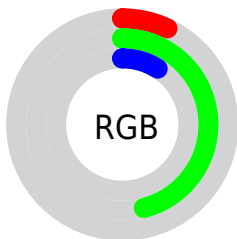
Format	Color
RYB	18, 111, 117
Decimal	1209624
CIELab	42.64, -45.43, 40.69
CIELCh	43, 60.990, 138.150
Yxy	12.9171, 0.2986, 0.5692
Android (android.graphics.Color)	4279399704 (0xFF127518)
YUV	76.7970, -26.0289, -51.5650
Hunter-Lab	35.9404, -29.2442, 20.2088

Details

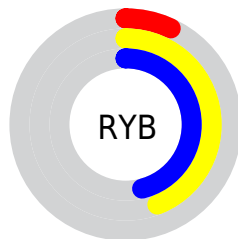
The Hex color **127518** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75126F**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **53AA4B**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **06750D**, and if you desaturate by 10%, it is **1E7523**.

Distribution



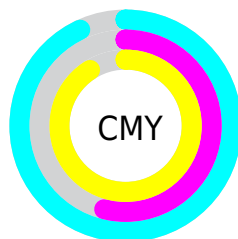
- Red (7%)
- Green (46%)
- Blue (9%)



- Red (7%)
- Yellow (44%)
- Blue (46%)



- Cyan (85%)
- Magenta (0%)
- Yellow (79%)
- Black (54%)



- Cyan (93%)
- Magenta (54%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 127518 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 127518 by changing the saturation by 10% instead.

 127518

 127518

FFFFFF

 005C00

 53AA4B

 004300

 6FC664

 002D00

 8BE27E

 001100

 A7FF99

 000000

 C4FFB4

 E1FFD0

 FEFFED

 127518

 127518

■ 06750D

■ 1E7523

■ 007507

■ 29752E

■ 357539

■ 417544

■ 4D754F

■ 58755A

■ 647565

■ 707570

■ 7B757B

Harmonies

Analogous

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



5E6C00



127518



007A4E

Triad

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



127518



0071C8



BC2B49

Complementary

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



127518



75126F

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.



B32D7B



127518



2A60C5

Square

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



127518



0079AF



8C47A9



AC4418

Rectangle

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



127518



007B72



8C47A9



BC2759

Sweetspot

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



127518



739975



707512



364D37



CCCCCC



4D4D4D

Same Dimension

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



127518



009909



127548



353B35



007A07



00FA0F

Inverse Universe

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



75126F



990090



75123F



3B353A



7A0073



FA00EB

Previews

White Background



This preview shows how the Hex color 127518 looks on a white background.

Color Contrast Check

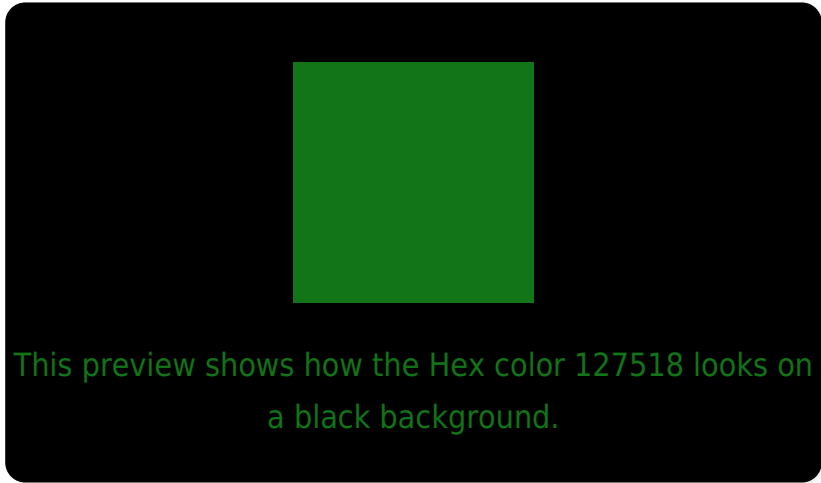
Large Text (above 18pt) WCAG AA ✓ Pass

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 127518 Background



This preview shows how black text looks on a background with the Hex color 127518.



This preview shows how white text looks on a background with the Hex color 127518.

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
127518

Protanopia
716514

Deuteranopia
7D5F22



Tritanopia
336D76

Trichromacy



Original Color
127518



Protanomaly
4E6B15



Deuteranomaly
56671E



Tritanomaly
277054

Monochromacy



Original Color
127518



Achromatopsia
4D4D4D



Achromatomaly
385C3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 127518 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 #127518 looks like.

```
.text, #text, p{  
    color:#127518  
}
```

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 #127518 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127518
}
```

Border

The CSS property to change the border of an element to Hex 127518 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
#127518 }
```

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

```
.border{ border-color:#127518 }
```

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

Here you see how a box with a 4 pixel #127518 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127518; -webkit-box-shadow:4px 4px  
4px 4px #127518; box-shadow:4px 4px 4px  
4px #127518 }
```

Background

The CSS property to change the background color of an element to Hex 127518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127518 }
```

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

```
.background{ background-color:#127518 }
```

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