

Converting Colors

Hex(135018)

Have a look what the booklet for
Hex(135018) contains.

Hex(135018)	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(135018)

Conversions

Conversions Part 1

Format	Color
Hex	135018
RGB	19, 80, 24
RGB Percent	7%, 31%, 9%
CMY	0.9255, 0.6863, 0.9059
CMYK	0.76, 0.00, 0.70, 0.69
HSL	125°, 62%, 19%
HSV	125°, 76%, 31%
XYZ	3.3021, 5.9417, 1.8370
YIQ	55.3770, -18.3800, -30.3480

Conversions

Conversions Part 2

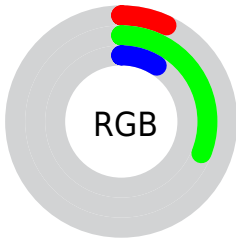
Format	Color
RYB	19, 75, 80
Decimal	1265688
CIELab	29.26, -31.96, 26.75
CIELCh	29, 41.674, 140.072
Yxy	5.9417, 0.2980, 0.5362
Android (android.graphics.Color)	4279455768 (0xFF135018)
YUV	55.3770, -15.4689, -31.9026
Hunter-Lab	24.3756, -18.4765, 12.5948

Details

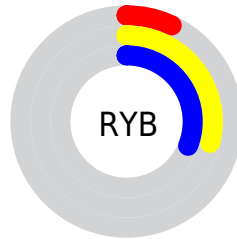
The Hex color **135018** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **50134B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **488246**, and **002400** is the 20% darker color. If you saturate the color by 10%, you get **0B5011**, and if you desaturate by 10%, it is **1B501F**.

Distribution



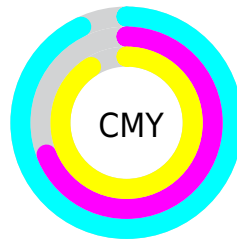
- Red (7%)
- Green (31%)
- Blue (9%)



- Red (7%)
- Yellow (29%)
- Blue (31%)



- Cyan (76%)
- Magenta (0%)
- Yellow (70%)
- Black (69%)



- Cyan (93%)
- Magenta (69%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 135018 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 135018 by changing the saturation by 10% instead.

 135018

 135018

FFFFFF

 003800

 488246

 002400

 629C5E

 000000


 7CB777


 97D391

 B3F0AC

 CFFFC7

 EBF FE4

 135018

 135018

■ 0B5011

■ 1B501F

■ 035009

■ 235027

■ 005007

■ 2B502E

■ 335035

■ 3B503D

■ 435044

■ 4B504B

■ 535053

■ 5B505A

Harmonies

Analogous

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



3F4A00



135018



005339

Triad

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



135018



004C85



7E2531

Complementary

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



135018



50134B

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.



792451



135018



2D4182

Square

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



135018



005276



61326F



733213

Rectangle

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



135018



00544F



61326F



7E233B

Sweetspot

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



135018



516952



4C5013



273628



B5B5B5



363636

Same Dimension

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



135018



086910



135036



252925



006909



00E813

Inverse Universe

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



50134B



690861



50132D



292528



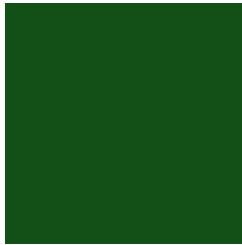
690060



E800D5

Previews

White Background



This preview shows how the Hex color 135018 looks on a white background.

Color Contrast Check

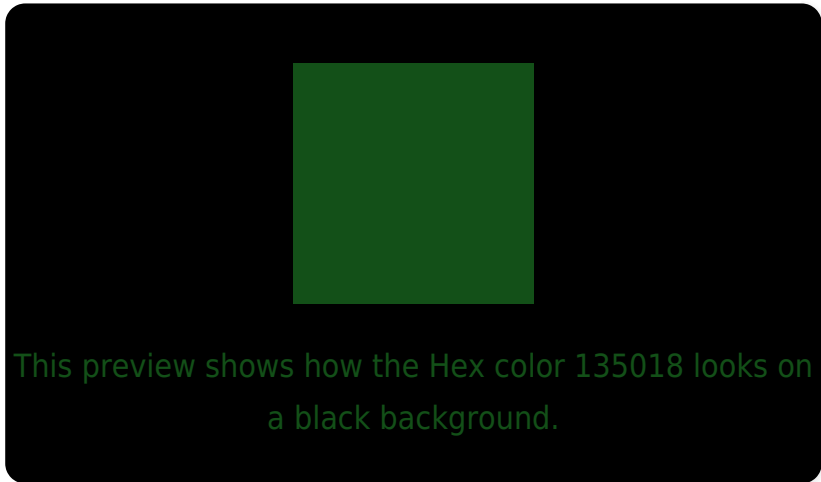
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

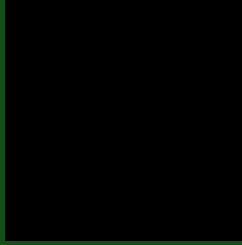
Any Text WCAG AA × Fail

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 135018 Background



This preview shows how black text looks on a background with the Hex color 135018.



This preview shows how white text looks on a background with the Hex color 135018.

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
135018

Protanopia
4D4515

Deuteranopia
56421D



Tritanopia
254B51

Trichromacy



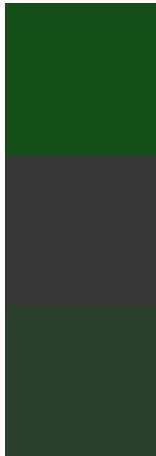
Original Color
135018

Protanomaly
384916

Deuteranomaly
3E471B

Tritanomaly
1E4D3C

Monochromacy



Original Color
135018

Achromatopsia
373737

Achromatomaly
2A402C

CSS Examples

Text

The CSS property to change the color of the text to Hex 135018 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 #135018 looks like.

```
.text, #text, p{  
    color:#135018  
}
```

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 #135018 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #135018  
}
```

Border

The CSS property to change the border of an element to Hex 135018 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  
#135018 }
```

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

```
.border{ border-color:#135018 }
```

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

Here you see how a box with a 4 pixel #135018 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #135018; -webkit-box-shadow:4px 4px  
4px 4px #135018; box-shadow:4px 4px 4px  
4px #135018 }
```

Background

The CSS property to change the background color of an element to Hex 135018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#135018 }
```

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

```
.background{ background-color:#135018 }
```

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