

Converting Colors

Hex(18870F)

Have a look what the booklet for
Hex(18870F) contains.

Hex(18870F)	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(18870F)

Conversions

Conversions Part 1

Format	Color
Hex	18870F
RGB	24, 135, 15
RGB Percent	9%, 53%, 6%
CMY	0.9059, 0.4706, 0.9412
CMYK	0.82, 0.00, 0.89, 0.47
HSL	116°, 80%, 29%
HSV	116°, 89%, 53%
XYZ	9.1269, 17.5566, 3.3597
YIQ	88.1310, -27.6360, -60.8520

Conversions

Conversions Part 2

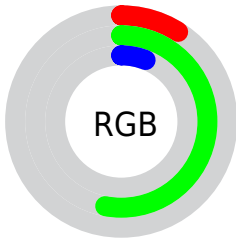
Format	Color
RYB	15, 135, 126
Decimal	1607439
CIELab	48.95, -51.01, 49.26
CIELCh	49, 70.913, 136.001
Yxy	17.5566, 0.3038, 0.5844
Android (android.graphics.Color)	4279797519 (0xFF18870F)
YUV	88.1310, -36.0536, -56.2429
Hunter-Lab	41.9006, -34.4448, 24.5765

Details

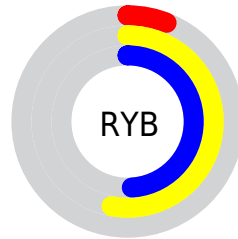
The Hex color **18870F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **7E0F87**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5BBD48**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **0C8702**, and if you desaturate by 10%, it is **24871D**.

Distribution



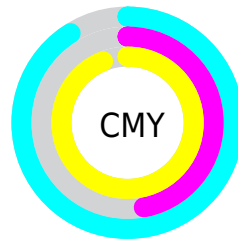
- Red (9%)
- Green (53%)
- Blue (6%)



- Red (6%)
- Yellow (53%)
- Blue (49%)



- Cyan (82%)
- Magenta (0%)
- Yellow (89%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18870F 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 18870F by changing the saturation by 10% instead.

 18870F

 18870F

FFFFFF

 006D00

 5BBD48

 005400

 78DA62

 003B00

 95F77D

 002500

 B2FF98

 000000

 CFFFB4

 EDFFD0

 FFFFED

 18870F

 18870F

■ 0C8702

■ 24871D

■ 0A8700

■ 31872A

■ 3D8738

■ 4A8745

■ 568753

■ 638760

■ 6F876E

■ 7C877B

■ 888789

Harmonies

Analogous

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



6F7B00



18870F



008D55

Triad

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



18870F



0084EA



DC2A57

Complementary

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



18870F



7E0F87

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.



D02F93



18870F



0071E9

Square

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



18870F



008CCA



9D53C9



CB4A1C

Rectangle

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



18870F



008E7F



9D53C9



DC256B

Sweetspot

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



18870F



84B080



877D0F



3F593D



D9D9D9



595959

Same Dimension

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



18870F



0DB000



0F8741



3C423C



0A8200



000300

Inverse Universe

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



7E0F87



A300B0



870F55



423C42



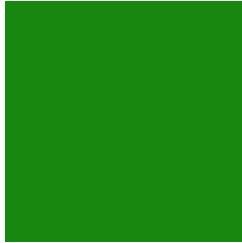
780082



020003

Previews

White Background



This preview shows how the Hex color 18870F looks on a white background.

Color Contrast Check

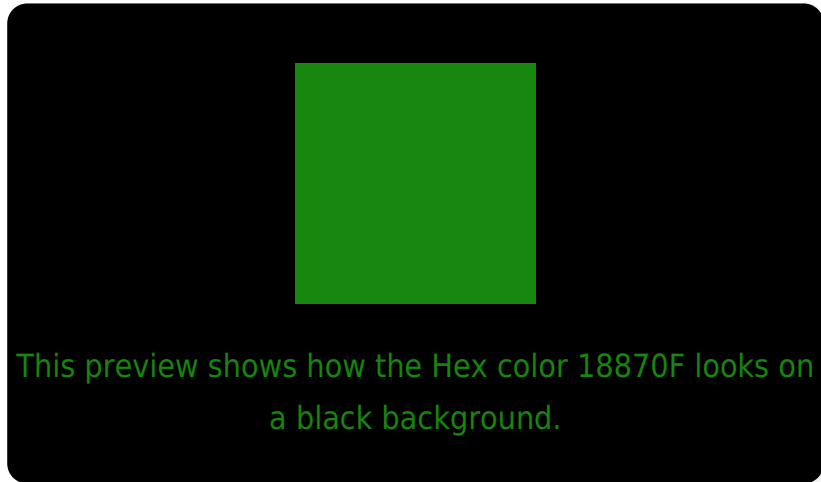
Large Text (above 18pt) WCAG AA ✓ Pass

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

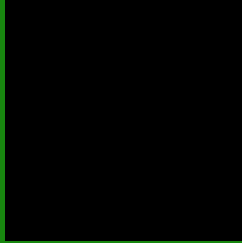
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 18870F Background



This preview shows how black text looks on a background with the Hex color 18870F.



This preview shows how white text looks on a background with the Hex color 18870F.

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
18870F

Protanopia
837407

Deuteranopia
916E20



Tritanopia
3C7E88

Trichromacy



Original Color
18870F



Protanomaly
5C7B0A



Deuteranomaly
65771A



Tritanomaly
2F815C

Monochromacy



Original Color
18870F



Achromatopsia
585858



Achromatomaly
41693D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18870F 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 #18870F looks like.

```
.text, #text, p{  
    color:#18870F  
}
```

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 #18870F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18870F
}
```

Border

The CSS property to change the border of an element to Hex 18870F 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
#18870F }
```

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

```
.border{ border-color:#18870F }
```

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

Here you see how a box with a 4 pixel #18870F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18870F; -webkit-box-shadow:4px 4px  
4px 4px #18870F; box-shadow:4px 4px 4px  
4px #18870F }
```

Background

The CSS property to change the background color of an element to Hex 18870F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18870F }
```

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

```
.background{ background-color:#18870F }
```

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