

Converting Colors

HunterLab(18.3416, -15.8362,
5.0941)

Have a look what the booklet for
HunterLab(18.3416, -15.8362,
5.0941) contains.

HunterLab(18.9346, -13.5979, 5.6874)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(18.9346,
-13.5979, 5.6874)**

Conversions

Conversions Part 1

Format	Color
Hex	003E26
RGB	0, 62, 38
RGB Percent	0%, 24%, 15%
CMY	1.0000, 0.7569, 0.8510
CMYK	1.00, 0.00, 0.39, 0.76
HSL	157°, 100%, 12%
HSV	157°, 100%, 24%
XYZ	2.0725, 3.5852, 2.4165
YIQ	40.7260, -29.2480, -20.6080

Conversions

Conversions Part 2

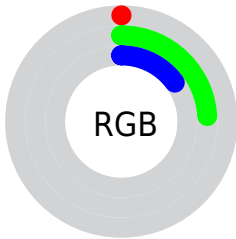
Format	Color
RYB	0, 38, 62
Decimal	15910
CIELab	22.25, -25.18, 9.74
CIELCh	22, 27.003, 158.849
Yxy	3.5853, 0.2567, 0.4440
Android (android.graphics.Color)	4278205990 (0xFF003E26)
YUV	40.7260, -1.3439, -35.7167
Hunter-Lab	18.9346, -13.5979, 5.6874

Details

The HunterLab color $[18.9346, -13.5979, 5.6874]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[10.4411, 18.5115, 1.8501]$, and the grayscale version is $[14.8134, -0.7904, 0.8048]$.

A 20% lighter version of the original color is $[35.4804, -18.2571, 7.8679]$, and $[5.8451, -5.0121, 3.5140]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.9349, -13.5982, 5.6877]$, and if you desaturate by 10%, it is $[19.0823, -12.9066, 5.1834]$.

Distribution



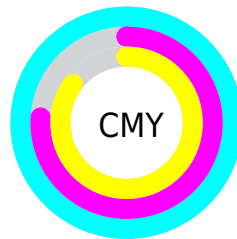
- Red (0%)
- Green (24%)
- Blue (15%)



- Red (0%)
- Yellow (15%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.9346, -13.5979, 5.6874 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 HunterLab color 18.9346, -13.5979, 5.6874 by changing the saturation by 10% instead.

■ 18.9346, -13.5979,
5.6874

■ 18.9346, -13.5979,
5.6874

■ 116.2520,
-31.9550, 15.8179

■ 12.0184, -11.0183,
4.4887

■ 35.5844, -18.3056,
7.9952

■ 4.9912, -8.7346,
3.4938

■ 45.1304, -20.4389,
9.1110

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.4041, -22.4813,
10.2188

0.0000, NaN, NaN

■ 66.3570, -24.4565,
11.3257

0.0000, NaN, NaN

■ 77.9496, -26.3810,
12.4364


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.1481, -28.2667,


13.5539


0.0000, NaN, NaN


 102.9239,
-30.1225, 14.6805


 18.9346, -13.5979,
5.6874


 18.9346, -13.5979,
5.6874


 18.9349, -13.5982,
5.6877

 19.0823, -12.9066,
5.1834

 19.2339, -12.1992,
4.6519

 19.4187, -11.3601,
4.1247

 19.6460, -10.3574,
3.6151

 19.9174, -9.1919,
3.1288

■ 20.2337, -7.8683,
2.6708

■ 20.5953, -6.3939,
2.2451

■ 21.0020, -4.7785,
1.8553

■ 21.4534, -3.0333,
1.5039

Harmonies

Analogous

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



18.9350, -9.9299, 9.3919



18.9346, -13.5979, 5.6874



18.9350, -14.2198, -1.4275

Triad

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



18.9350, -13.5981, 5.6876



18.9350, 1.4783, -20.6175



18.9350, 12.9161, 8.2372

Complementary

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



18.9346, -13.5979, 5.6874



10.4411, 18.5115, 1.8501

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.



18.9350, 17.2450, 3.1980



18.9346, -13.5979, 5.6874



18.9350, 9.9415, -14.7883

Square

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



18.9350, -13.5981, 5.6876



18.9350, -6.3768, -19.0008



18.9350, 16.0724, -5.2271



18.9350, 5.0273, 10.3694

Rectangle

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



18.9346, -13.5979, 5.6874



18.9350, -12.9482, -7.7395



18.9350, 16.0724, -5.2271



18.9350, 14.8921, 6.9384

Sweetspot

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



18.9350, -13.5981, 5.6876



27.0505, -8.7017, 3.0318



19.1038, -13.6349, 11.5328



13.8391, -4.6133, 1.5962



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.9350, -13.5981, 5.6876



24.9095, -18.0579, 7.8471



17.7678, -8.2473, -4.4044



11.3597, -1.4483, 0.7660



28.9336, -21.0630, 9.3045



73.4436, -54.3414, 25.5094

Inverse Universe

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



10.4411, 18.5115, 1.8501



13.7041, 24.2133, 3.0824



10.7648, 15.2209, 6.8994



10.8690, 0.2912, 0.4586



15.9023, 28.0544, 3.9097



40.2192, 70.5423, 13.0766

Previews

White Background



This preview shows how the HunterLab color 18.9346, -13.5979, 5.6874 looks on a white background.

Color Contrast Check

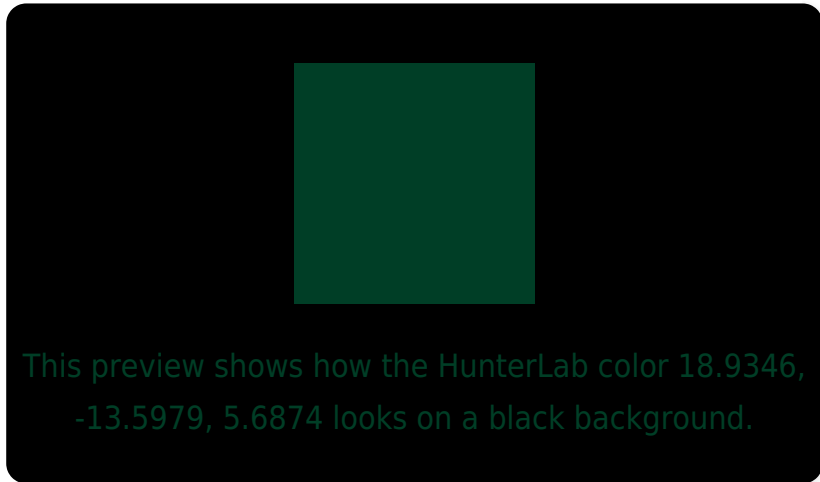
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

HunterLab 18.9346, -13.5979, 5.6874 Background



This preview shows how black text looks on a background with the HunterLab color 18.9346, -13.5979, 5.6874.



This preview shows how white text looks on a background with the HunterLab color 18.9346,

-13.5979, 5.6874.

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

18.9346, -13.5979, 5.6874

Protanopia

19.1291, -2.0530, 6.8228

Deuteranopia

19.1467, 0.6230, 5.5926



Tritanopia

19.1538, -7.2362, -3.3388

Trichromacy



Original Color

18.9346, -13.5979, 5.6874

Protanomaly

18.5659, -8.0265, 5.9696

Deuteranomaly

18.5093, -6.7826, 5.1381

Tritanomaly

18.9761, -9.8182, 0.2279

Monochromacy



Original Color

18.9346, -13.5979, 5.6874

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

16.0295, -6.8122, 2.3327

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.9346, -13.5979, 5.6874 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 `rgb(0, 62, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 38)  
}
```

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 rgb(0, 62, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 18.9346, -13.5979, 5.6874 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 rgb(0, 62, 38) }
```


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

```
.border{ border-color:rgb(0, 62, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 62, 38); box-shadow:4px  
4px 4px 4px rgb(0, 62, 38) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.9346, -13.5979, 5.6874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 38) }
```

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

```
.background{ background-color: rgb(0, 62,  
38) }
```

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