

Converting Colors

HunterLab(17.5706, -18.2617,
5.4787)

Have a look what the booklet for
HunterLab(17.5706, -18.2617,
5.4787) contains.

HunterLab(18.5822, -13.7154, 6.3814)	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(18.5822,
-13.7154, 6.3814)**

Conversions

Conversions Part 1

Format	Color
Hex	003D22
RGB	0, 61, 34
RGB Percent	0%, 24%, 13%
CMY	1.0000, 0.7608, 0.8667
CMYK	1.00, 0.00, 0.44, 0.76
HSL	153°, 100%, 12%
HSV	153°, 100%, 24%
XYZ	1.9575, 3.4530, 2.0767
YIQ	39.6830, -27.6890, -21.3290

Conversions

Conversions Part 2

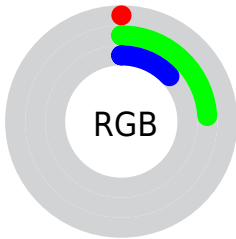
Format	Color
RYB	0, 39, 61
Decimal	15650
CIELab	21.77, -25.76, 11.69
CIELCh	22, 28.293, 155.593
Yxy	3.4531, 0.2614, 0.4612
Android (android.graphics.Color)	4278205730 (0xFF003D22)
YUV	39.6830, -2.8017, -34.8020
Hunter-Lab	18.5822, -13.7154, 6.3814

Details

The HunterLab color **18.5822, -13.7154, 6.3814** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.3503, 18.4894, 0.7614**, and the grayscale version is **14.4798, -0.7726, 0.7867**.

A 20% lighter version of the original color is **35.0913, -18.3992, 8.8029**, and **5.1278, -4.3971, 3.0828** is the 20% darker color. If you saturate the color by 10%, you get **18.5826, -13.7157, 6.3816**, and if you desaturate by 10%, it is **18.7315, -13.0120, 5.8520**.

Distribution



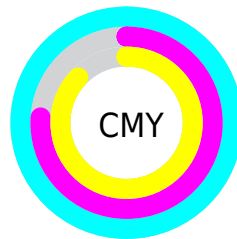
- Red (0%)
- Green (24%)
- Blue (13%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5822, -13.7154, 6.3814 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 18.5822, -13.7154, 6.3814 by changing the saturation by 10% instead.

■ 18.5822, -13.7154,
6.3814

■ 18.5822, -13.7154,
6.3814

■ 115.6053,
-32.4329, 17.5550

■ 11.7159, -11.2096,
5.1551

■ 35.1491, -18.5376,
9.0018

■ 4.4319, -7.7558,
3.1023

■ 44.6591, -20.7163,
10.2475

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.8992, -22.7992,
11.4735

0.0000, NaN, NaN

■ 65.8208, -24.8113,
12.6895

0.0000, NaN, NaN

■ 77.3837, -26.7698,
13.9017


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.5540, -28.6870,


15.1148


0.0000, NaN, NaN


 102.3030,
-30.5724, 16.3317


 18.5822, -13.7154,
6.3814


 18.5822, -13.7154,
6.3814


 18.5826, -13.7157,
6.3816

 18.7315, -13.0120,
5.8520

 18.8849, -12.2906,
5.2854

 19.0710, -11.4381,
4.7116

 19.2995, -10.4210,
4.1444

 19.5718, -9.2406,
3.5898

■ 19.8888, -7.9020,
3.0532

■ 20.2507, -6.4131,
2.5396

■ 20.6575, -4.7840,
2.0531

■ 21.1084, -3.0263,
1.5969

Harmonies

Analogous

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



18.5826, -9.6233, 9.7626



18.5822, -13.7154, 6.3814



18.5826, -14.6837, -0.5777

Triad

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



18.5826, -13.7156, 6.3815



18.5826, 0.6366, -22.2453



18.5826, 14.3495, 8.0042

Complementary

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



18.5822, -13.7154, 6.3814



10.3503, 18.4894, 0.7614

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.



18.5826, 18.3563, 2.4716



18.5822, -13.7154, 6.3814



18.5826, 9.5732, -16.7218

Square

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



18.5826, -13.7156, 6.3815



18.5826, -7.3078, -19.6005



18.5826, 16.4671, -6.6779



18.5826, 6.2980, 10.3807

Rectangle

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



18.5822, -13.7154, 6.3814



18.5826, -13.6135, -7.0888



18.5826, 16.4671, -6.6779



18.5826, 16.2744, 6.5770

Sweetspot

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



18.5826, -13.7156, 6.3815



26.1630, -8.5754, 3.3765



18.9125, -12.9668, 11.4267



13.8217, -4.7133, 1.8452



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.



18.5826, -13.7156, 6.3815



24.0447, -17.9116, 8.6122



18.3252, -9.1498, -3.1529



11.3560, -1.4691, 0.8194



28.8463, -21.6012, 10.5755



73.2184, -55.7320, 28.7926

Inverse Universe

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



10.3503, 18.4894, 0.7614



13.3630, 23.7921, 1.5993



10.2877, 15.9635, 6.6186



10.8728, 0.3119, 0.4039



16.0115, 28.4536, 2.3357



40.4864, 71.5214, 9.2064

Previews

White Background



This preview shows how the HunterLab color 18.5822, -13.7154, 6.3814 looks on a white background.

Color Contrast Check

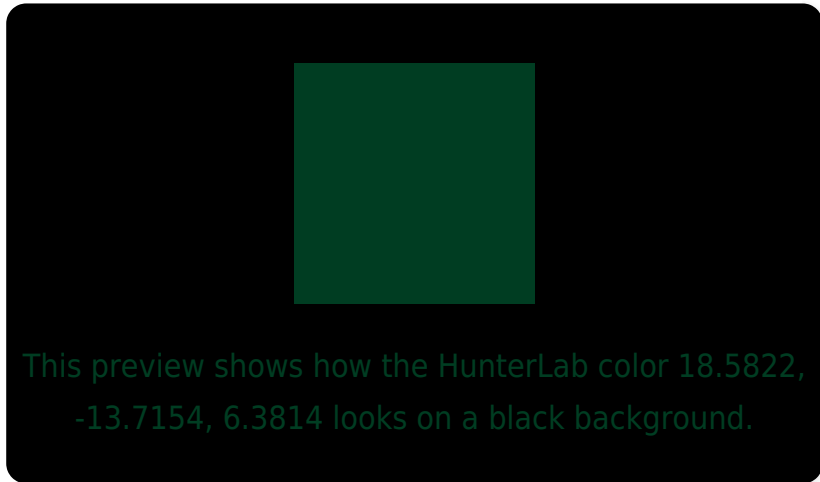
Large Text (above 18pt) WCAG AA ✓ Pass

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

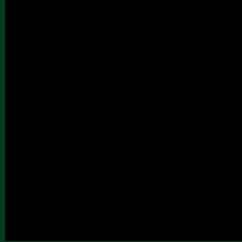
Any Text WCAG AA × Fail

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 18.5822, -13.7154, 6.3814 Background



This preview shows how black text looks on a background with the HunterLab color 18.5822, -13.7154, 6.3814.



This preview shows how white text looks on a background with the HunterLab color 18.5822,

-13.7154, 6.3814.

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

18.5822, -13.7154, 6.3814

Protanopia

18.8273, -1.9893, 7.4842

Deuteranopia

18.6321, 1.1588, 5.9317



Tritanopia

18.8575, -7.1034, -2.8334

Trichromacy



Original Color

18.5822, -13.7154, 6.3814

Protanomaly

18.2372, -8.0543, 6.6541

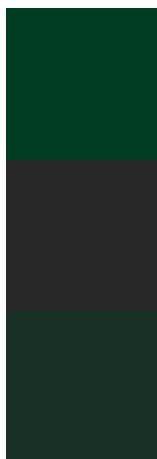
Deuteranomaly

17.9355, -6.3802, 5.4226

Tritanomaly

18.6478, -9.8443, 0.9889

Monochromacy



Original Color

18.5822, -13.7154, 6.3814

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.6860, -6.8797, 2.6141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5822, -13.7154, 6.3814 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, 61, 34)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 34)  
}
```

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, 61, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5822, -13.7154, 6.3814 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, 61, 34) }
```


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

```
.border{ border-color:rgb(0, 61, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 61, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 34); box-shadow:4px  
4px 4px 4px rgb(0, 61, 34) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5822, -13.7154, 6.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 61, 34) }
```

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

```
.background{ background-color: rgb(0, 61,  
34) }
```

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