

Converting Colors

HunterLab(17.5075, -20.5507,
7.2121)

Have a look what the booklet for
HunterLab(17.5075, -20.5507,
7.2121) contains.

HunterLab(18.7612, -14.6686, 8.2153)	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(18.7612,
-14.6686, 8.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	003E1A
RGB	0, 62, 26
RGB Percent	0%, 24%, 10%
CMY	1.0000, 0.7569, 0.8980
CMYK	1.00, 0.00, 0.58, 0.76
HSL	145°, 100%, 12%
HSV	145°, 100%, 24%
XYZ	1.9091, 3.5198, 1.5561
YIQ	39.3580, -25.3960, -24.3400

Conversions

Conversions Part 2

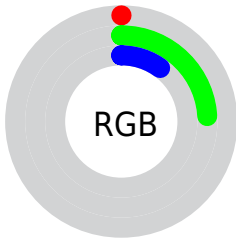
Format	Color
RYB	0, 44, 62
Decimal	15898
CIELab	22.02, -27.95, 17.01
CIELCh	22, 32.717, 148.674
Yxy	3.5200, 0.2733, 0.5039
Android (android.graphics.Color)	4278205978 (0xFF003E1A)
YUV	39.3580, -6.5855, -34.5170
Hunter-Lab	18.7612, -14.6686, 8.2153

Details

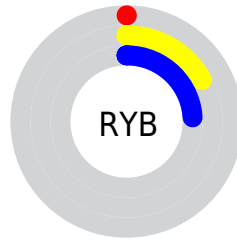
The HunterLab color **18.7612, -14.6686, 8.2153** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.7310, 19.5641, -2.2669**, and the grayscale version is **14.3860, -0.7676, 0.7816**.

A 20% lighter version of the original color is **35.2630, -19.6337, 11.6428**, and **5.3651, -4.6006, 3.2254** is the 20% darker color. If you saturate the color by 10%, you get **18.7616, -14.6688, 8.2154**, and if you desaturate by 10%, it is **18.9132, -13.9433, 7.6428**.

Distribution



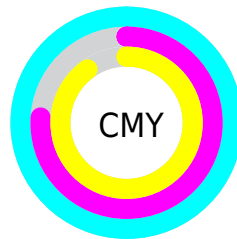
- Red (0%)
- Green (24%)
- Blue (10%)



- Red (0%)
- Yellow (17%)
- Blue (24%)



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.7612, -14.6686, 8.2153 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 18.7612, -14.6686, 8.2153 by changing the saturation by 10% instead.

■ 18.7612, -14.6686,
8.2153

■ 18.7612, -14.6686,
8.2153

■ 115.9342,
-34.5906, 22.3151

■ 11.8695, -12.0168,
7.0137

■ 35.3703, -19.8440,
11.7055

■ 4.7247, -8.2682,
3.3073

■ 44.8987, -22.1720,
13.3158

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.1559, -24.3918,
14.8743

0.0000, NaN, NaN

■ 66.0934, -26.5308,
16.3974

0.0000, NaN, NaN

■ 77.6714, -28.6080,
17.8961


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.8561, -30.6373,


19.3782


0.0000, NaN, NaN


 102.6187,
-32.6289, 20.8498


 18.7612, -14.6686,
8.2153


 18.7612, -14.6686,
8.2153


 18.7616, -14.6688,
8.2154

 18.9132, -13.9433,
7.6428

 19.0720, -13.1851,
7.0022

 19.2670, -12.2760,
6.3215

 19.5076, -11.1844,
5.6140

 19.7953, -9.9126,
4.8869

■ 20.1309, -8.4671,
4.1471

■ 20.5146, -6.8576,
3.4017

■ 20.9460, -5.0959,
2.6571

■ 21.4243, -3.1956,
1.9190

Harmonies

Analogous

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



18.7616, -9.3019, 11.0884



18.7612, -14.6686, 8.2153



18.7616, -16.5114, 1.4362

Triad

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



18.7616, -14.6688, 8.2154



18.7616, -1.4413, -27.6641



18.7616, 18.8272, 7.8059

Complementary

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



18.7612, -14.6686, 8.2153



10.7310, 19.5641, -2.2669

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.



18.7616, 22.1166, 0.5966



18.7612, -14.6686, 8.2153



18.7616, 9.0506, -22.8776

Square

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



18.7616, -14.6688, 8.2154



18.7616, -9.9213, -22.0165



18.7616, 18.2201, -11.0671



18.7616, 9.9751, 10.9211

Rectangle

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



18.7612, -14.6686, 8.2153



18.7616, -15.8633, -5.7633



18.7616, 18.2201, -11.0671



18.7616, 20.6921, 5.9497

Sweetspot

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



18.7616, -14.6688, 8.2154



26.9402, -9.3375, 4.6162



19.5537, -11.7979, 11.8423



13.7802, -4.9530, 2.4415



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.



18.7616, -14.6688, 8.2154



24.6804, -19.4744, 11.1913



19.3369, -11.1579, -0.0826



11.3467, -1.5203, 0.9510



28.6672, -22.7107, 13.1945



72.7694, -58.5195, 35.3713

Inverse Universe

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



10.7310, 19.5641, -2.2669



14.0864, 25.6022, -2.3611



10.1759, 17.5378, 5.7129



10.8824, 0.3639, 0.2666



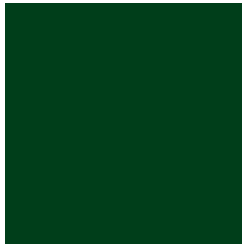
16.3462, 29.6681, -2.4195



41.3352, 74.6102, -2.9209

Previews

White Background



This preview shows how the HunterLab color 18.7612, -14.6686, 8.2153 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

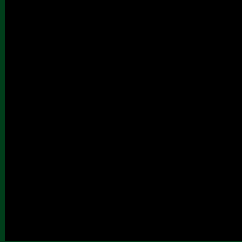
Any Text WCAG AA × Fail

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 18.7612, -14.6686, 8.2153 Background



This preview shows how black text looks on a background with the HunterLab color 18.7612, -14.6686, 8.2153.



This preview shows how white text looks on a background with the HunterLab color 18.7612,

-14.6686, 8.2153.

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

18.7612, -14.6686, 8.2153

Protanopia

18.8092, -2.2502, 8.9956

Deuteranopia

18.9214, 0.7131, 8.0294



Tritanopia

18.9187, -6.8127, -3.1993

Trichromacy



Original Color

18.7612, -14.6686, 8.2153

Protanomaly

18.1834, -8.4733, 8.2385

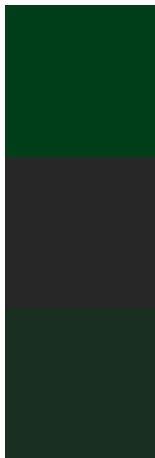
Deuteranomaly

18.1318, -7.2154, 7.4541

Tritanomaly

18.6005, -10.1267, 1.6654

Monochromacy



Original Color

18.7612, -14.6686, 8.2153

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

15.3467, -7.0120, 3.4870

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.7612, -14.6686, 8.2153 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, 26)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 26)  
}
```

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, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 18.7612, -14.6686, 8.2153 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, 26) }
```


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

```
.border{ border-color:rgb(0, 62, 26) }
```

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, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 26); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 62, 26); box-shadow:4px  
4px 4px 4px rgb(0, 62, 26) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.7612, -14.6686, 8.2153 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, 26) }
```

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

```
.background{ background-color: rgb(0, 62,  
26) }
```

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