

Converting Colors

HunterLab(19.1707, -12.1986,
11.5994)

Have a look what the booklet for
HunterLab(19.1707, -12.1986,
11.5994) contains.

HunterLab(19.1333, -12.0637, 11.5786)	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(19.1333,
-12.0637, 11.5786)**

Conversions

Conversions Part 1

Format	Color
Hex	213D00
RGB	33, 61, 0
RGB Percent	13%, 24%, 0%
CMY	0.8706, 0.7608, 1.0000
CMYK	0.46, 0.00, 1.00, 0.76
HSL	88°, 100%, 12%
HSV	88°, 100%, 24%
XYZ	2.2960, 3.6608, 0.5856
YIQ	45.6740, 2.8930, -24.9070

Conversions

Conversions Part 2

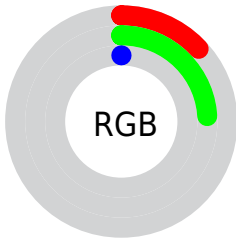
Format	Color
RYB	0, 61, 28
Decimal	2178304
CIELab	22.52, -21.49, 30.45
CIELCh	23, 37.263, 125.210
Yxy	3.6610, 0.3509, 0.5596
Android (android.graphics.Color)	4280368384 (0xFF213D00)
YUV	45.6740, -22.5173, -11.1151
Hunter-Lab	19.1333, -12.0637, 11.5786

Details

The HunterLab color **19.1333, -12.0637, 11.5786** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7.6415, 17.4937, -29.2415**, and the grayscale version is **16.4931, -0.8800, 0.8961**.

A 20% lighter version of the original color is **35.9166, -16.1599, 17.2327**, and **6.0875, -5.2201, 3.6597** is the 20% darker color. If you saturate the color by 10%, you get **19.1337, -12.0644, 11.5789**, and if you desaturate by 10%, it is **19.2938, -11.3487, 11.1516**.

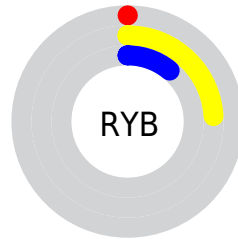
Distribution



Red (13%)

Green (24%)

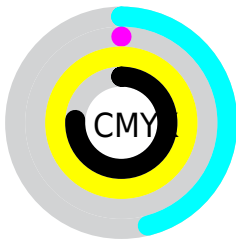
Blue (0%)



Red (0%)

Yellow (24%)

Blue (11%)

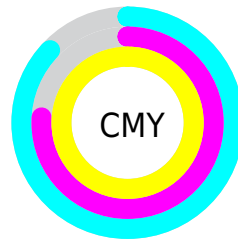


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (87%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1333, -12.0637, 11.5786 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 19.1333, -12.0637, 11.5786 by changing the saturation by 10% instead.

■ 19.1333, -12.0637,
11.5786

■ 19.1333, -12.0637,
11.5786

■ 116.6155,
-28.3679, 33.3112

■ 12.1893, -9.7240,
8.5325

■ 35.8295, -16.1619,
17.2068

■ 5.2792, -9.2386,
3.6954

■ 45.3957, -18.0403,
19.7915

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.6881, -19.8499,
22.2408

0.0000, NaN, NaN

■ 66.6586, -21.6098,
24.5863

0.0000, NaN, NaN

■ 78.2677, -23.3332,
26.8511

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.4820, -25.0296,

29.0521

0.0000, NaN, NaN

■ 103.2729,
-26.7060, 31.2022

■ 19.1333, -12.0637,
11.5786

■ 19.1333, -12.0637,
11.5786

■ 19.1337, -12.0644,
11.5789

■ 19.2938, -11.3487,
11.1516

■ 19.4635, -10.6009,
10.7282

■ 19.6520, -9.7668,
10.1725

■ 19.8626, -8.8302,
9.4390

■ 20.0957, -7.7915,
8.5223

■ 20.3515, -6.6520,
7.4196

■ 20.6302, -5.4145,
6.1307

■ 20.9317, -4.0825,
4.6574

■ 21.2560, -2.6601,
3.0031

Harmonies

Analogous

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



19.1337, -2.9666, 13.0223



19.1333, -12.0637, 11.5786



19.1337, -17.0969, 7.8695

Triad

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



19.1337, -12.0641, 11.5787



19.1337, -9.3514, -29.0841



19.1337, 25.9736, 2.8351

Complementary

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



19.1333, -12.0637, 11.5786



7.6415, 17.4937, -29.2415

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.



19.1337, 23.1398, -9.8888



19.1333, -12.0637, 11.5786



19.1337, 1.0036, -33.3916

Square

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



19.1337, -12.0641, 11.5787



19.1337, -15.8060, -15.2440



19.1337, 13.2820, -24.9259



19.1337, 20.3121, 9.5698

Rectangle

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



19.1333, -12.0637, 11.5786



19.1337, -18.2950, 2.6977



19.1337, 13.2820, -24.9259



19.1337, 25.9945, -0.7774

Sweetspot

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



19.1337, -12.0641, 11.5787



26.6703, -7.2352, 8.1784



13.4049, 7.5273, 8.3915



14.1004, -3.9738, 4.4821



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.



19.1337, -12.0641, 11.5787



24.7136, -15.9043, 14.9500



18.3231, -15.4357, 11.0201



11.4233, -1.3027, 1.4628



29.6186, -19.2823, 17.9133



74.9377, -50.5624, 45.2911

Inverse Universe

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



7.6415, 17.4937, -29.2415



9.7238, 22.4650, -38.7768



11.1134, 22.0626, -16.3202



10.7986, 0.1391, -0.3102



11.5534, 26.8347, -47.1791



28.4277, 67.2066, -125.2194

Previews

White Background



This preview shows how the HunterLab color 19.1333, -12.0637, 11.5786 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 19.1333, -12.0637, 11.5786 Background



This preview shows how black text looks on a background with the HunterLab color 19.1333, -12.0637, 11.5786.



This preview shows how white text looks on a background with the HunterLab color 19.1333,

-12.0637, 11.5786.

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

19.1333, -12.0637, 11.5786

Protanopia

19.0537, -2.9567, 11.6890

Deuteranopia

19.0345, 0.7688, 10.6590



Tritanopia

19.3251, -4.0778, -1.7083

Trichromacy



Original Color

19.1333, -12.0637, 11.5786

Protanomaly

19.0527, -6.8440, 11.6204

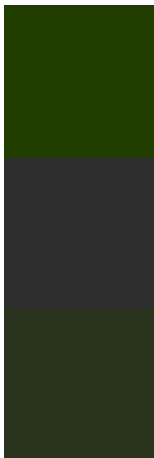
Deuteranomaly

18.8736, -4.7924, 10.8243

Tritanomaly

18.9332, -7.8797, 5.5178

Monochromacy



Original Color

19.1333, -12.0637, 11.5786

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.1108, -5.7410, 6.4153

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1333, -12.0637, 11.5786 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(33, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(33, 61, 0)  
}
```

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(33, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 61, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1333, -12.0637, 11.5786 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(33, 61, 0) }
```


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

```
.border{ border-color:rgb(33, 61, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 61, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 61, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(33, 61, 0); box-shadow:4px  
4px 4px 4px rgb(33, 61, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.1333, -12.0637, 11.5786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 61, 0) }
```

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

```
.background{ background-color: rgb(33, 61,  
0) }
```

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