

Converting Colors

HunterLab(19.0198, -12.2782,
9.5843)

Have a look what the booklet for
HunterLab(19.0198, -12.2782,
9.5843) contains.

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Color

**HunterLab(19.0198,
-12.2784, 9.5844)**

Conversions

Conversions Part 1

Format	Color
Hex	1B3D13
RGB	27, 61, 19
RGB Percent	11%, 24%, 7%
CMY	0.8941, 0.7608, 0.9255
CMYK	0.56, 0.00, 0.69, 0.76
HSL	109°, 52%, 16%
HSV	109°, 69%, 24%
XYZ	2.2383, 3.6175, 1.1964
YIQ	46.0460, -6.7820, -20.2700

Conversions

Conversions Part 2

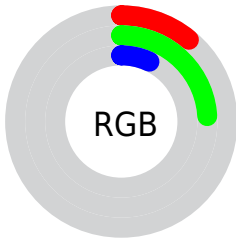
Format	Color
RYB	19, 61, 53
Decimal	1785107
CIELab	22.36, -22.05, 21.68
CIELCh	22, 30.923, 135.479
Yxy	3.6177, 0.3174, 0.5130
Android (android.graphics.Color)	4279975187 (0xFF1B3D13)
YUV	46.0460, -13.3337, -16.7033
Hunter-Lab	19.0198, -12.2784, 9.5844

Details

The HunterLab color **19.0198, -12.2784, 9.5844** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.4887, 14.4998, -13.0112**, and the grayscale version is **16.5889, -0.8851, 0.9013**.

A 20% lighter version of the original color is **35.7100, -16.5558, 13.9066**, and **5.8451, -5.0121, 3.5140** is the 20% darker color. If you saturate the color by 10%, you get **18.8088, -13.2416, 10.1683**, and if you desaturate by 10%, it is **19.2727, -11.1363, 8.8337**.

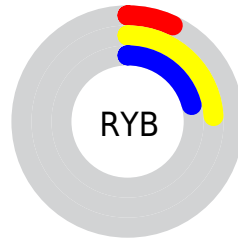
Distribution



Red (11%)

Green (24%)

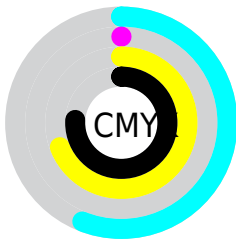
Blue (7%)



Red (7%)

Yellow (24%)

Blue (21%)

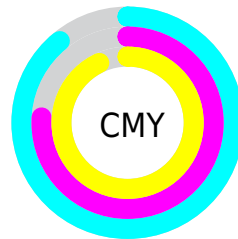


Cyan (56%)

Magenta (0%)

Yellow (69%)

Black (76%)



Cyan (89%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.0198, -12.2784, 9.5844 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 19.0198, -12.2784, 9.5844 by changing the saturation by 10% instead.

■ 19.0198, -12.2784,
9.5844

■ 19.0198, -12.2784,
9.5844

■ 116.4080,
-28.8988, 26.3301

■ 12.0917, -9.8991,
8.4642

■ 35.6896, -16.4717,
13.8573

■ 5.1168, -8.9544,
3.5818

■ 45.2442, -18.3895,
15.7981

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.5259, -20.2349,
17.6584

0.0000, NaN, NaN

■ 66.4865, -22.0278,
19.4600

0.0000, NaN, NaN

■ 78.0861, -23.7820,
21.2183

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.2914, -25.5073,

103.0737,
-27.2110, 24.6461

19.0198, -12.2784,
9.5844

19.0198, -12.2784,
9.5844

18.8088, -13.2416,
10.1683

19.2727, -11.1363,
8.8337

18.6356, -14.0353,
10.6161

19.5670, -9.8182,
7.9149

18.4897, -14.7202,
11.0710

19.9035, -8.3314,
6.8304

18.4745, -14.7925,
11.1249

20.2818, -6.6854,
5.5857

20.7016, -4.8917,
4.1885

■ 21.1621, -2.9625,
2.6482

■ 21.6620, -0.9111,
0.9751

■ 22.2003, 1.2494,
-0.8197

■ 22.7755, 3.5063,
-2.7249

Harmonies

Analogous

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



19.0202, -5.6102, 11.4053



19.0198, -12.2784, 9.5844



19.0202, -15.5596, 4.8668

Triad

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



19.0202, -12.2787, 9.5845



19.0202, -5.3454, -24.3180



19.0202, 19.7634, 5.0817

Complementary

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



19.0198, -12.2784, 9.5844



12.4887, 14.4998, -13.0112

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.



19.0202, 19.8726, -3.8084



19.0198, -12.2784, 9.5844



19.0202, 4.0606, -24.1610

Square

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



19.0202, -12.2787, 9.5845



19.0202, -12.1176, -15.7903



19.0202, 13.6888, -15.4299



19.0202, 13.4144, 9.6758

Rectangle

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



19.0198, -12.2784, 9.5844



19.0202, -15.8899, -0.6834



19.0202, 13.6888, -15.4299



19.0202, 20.5668, 2.6073

Sweetspot

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



19.0202, -12.2787, 9.5845



26.6397, -7.0720, 6.0038



18.8393, -1.7289, 9.6393



14.0881, -3.8651, 3.2734



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.



19.0202, -12.2787, 9.5845



24.1829, -17.9663, 13.6165



18.9162, -12.4120, 7.2442



11.3555, -1.5436, 1.3836



28.6288, -23.3975, 17.2313



72.5675, -60.4646, 43.6572

Inverse Universe

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



12.4887, 14.4998, -13.0112



14.2900, 23.0466, -21.5219



12.9409, 14.5859, -4.7820



10.8718, 0.3882, -0.2138



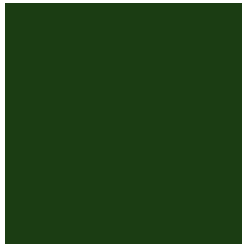
15.3838, 31.6393, -31.0979



38.6279, 79.7834, -80.7119

Previews

White Background



This preview shows how the HunterLab color 19.0198, -12.2784, 9.5844 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

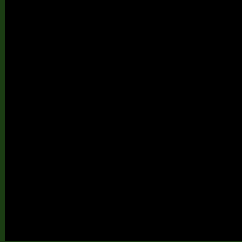
Any Text WCAG AA × Fail

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 19.0198, -12.2784, 9.5844 Background



This preview shows how black text looks on a background with the HunterLab color 19.0198, -12.2784, 9.5844.



This preview shows how white text looks on a background with the HunterLab color 19.0198,

-12.2784, 9.5844.

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

19.0198, -12.2784, 9.5844

Protanopia

19.0774, -2.6599, 10.0607

Deuteranopia

18.9310, 0.5832, 9.2981



Tritanopia

19.1027, -4.8346, -2.4588

Trichromacy



Original Color

19.0198, -12.2784, 9.5844

Protanomaly

18.9692, -6.9306, 9.7787

Deuteranomaly

18.7526, -5.0441, 9.2238

Tritanomaly

18.8327, -7.9973, 3.3271

Monochromacy



Original Color

19.0198, -12.2784, 9.5844

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.1066, -5.5305, 4.6594

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.0198, -12.2784, 9.5844 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(27, 61, 19)` looks like.

```
.text, #text, p{  
    color:rgb(27, 61, 19)  
}
```

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(27, 61, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 61, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 19.0198, -12.2784, 9.5844 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(27, 61, 19) }
```


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

```
.border{ border-color:rgb(27, 61, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 61, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 61, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 61, 19);  
box-shadow:4px 4px 4px 4px rgb(27, 61, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.0198, -12.2784, 9.5844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 61, 19) }
```

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

```
.background{ background-color: rgb(27, 61,  
19) }
```

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](#).

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