

Converting Colors

HunterLab(16.9493, -20.0500,
-0.0919)

Have a look what the booklet for
HunterLab(16.9493, -20.0500,
-0.0919) contains.

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Color

**HunterLab(18.8659,
-11.9814, 2.2835)**

Conversions

Conversions Part 1

Format	Color
Hex	003D31
RGB	0, 61, 49
RGB Percent	0%, 24%, 19%
CMY	1.0000, 0.7608, 0.8078
CMYK	1.00, 0.00, 0.20, 0.76
HSL	168°, 100%, 12%
HSV	168°, 100%, 24%
XYZ	2.2231, 3.5592, 3.4755
YIQ	41.3930, -32.5040, -16.6640

Conversions

Conversions Part 2

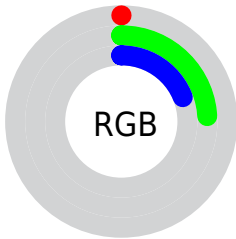
Format	Color
RYB	0, 34, 61
Decimal	15665
CIELab	22.16, -21.48, 2.35
CIELCh	22, 21.607, 173.768
Yxy	3.5594, 0.2401, 0.3845
Android (android.graphics.Color)	4278205745 (0xFF003D31)
YUV	41.3930, 3.7503, -36.3017
Hunter-Lab	18.8659, -11.9814, 2.2835

Details

The HunterLab color **18.8659, -11.9814, 2.2835** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.0931, 17.5470, 4.4829**, and the grayscale version is **15.0147, -0.8011, 0.8158**.

A 20% lighter version of the original color is **35.5025, -16.0489, 3.5150**, and **5.6432, -4.5618, 2.7941** is the 20% darker color. If you saturate the color by 10%, you get **18.8662, -11.9816, 2.2838**, and if you desaturate by 10%, it is **18.9973, -11.3973, 2.0177**.

Distribution



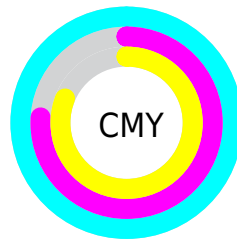
- Red (0%)
- Green (24%)
- Blue (19%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (20%)
- Black (76%)



- Cyan (100%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8659, -11.9814, 2.2835 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 18.8659, -11.9814, 2.2835 by changing the saturation by 10% instead.

■ 18.8659, -11.9814,
2.2835

■ 18.8659, -11.9814,
2.2835

■ 116.1261,
-28.3023, 8.6831

■ 11.9594, -9.6612,
1.7168

■ 35.4996, -16.0891,
3.5032

■ 4.8874, -8.5530,
2.2553

■ 45.0386, -17.9700,
4.1580

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.3058, -19.7813,
4.8425

0.0000, NaN, NaN

■ 66.2526, -21.5424,
5.5559

0.0000, NaN, NaN

■ 77.8394, -23.2666,
6.2975

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.0324, -24.9636,


7.0664


0.0000, NaN, NaN


 102.8030,
-26.6403, 7.8618


 18.8659, -11.9814,
2.2835


 18.8659, -11.9814,
2.2835


 18.8662, -11.9816,
2.2838

 18.9973, -11.3973,
2.0177

 19.1306, -10.8082,
1.7481

 19.2938, -10.1040,
1.5088

 19.4967, -9.2505,
1.3130

 19.7410, -8.2470,
1.1640

■ 20.0277, -7.0958,
1.0643

■ 20.3573, -5.8025,
1.0153

■ 20.7299, -4.3745,
1.0174

■ 21.1452, -2.8210,
1.0706

Harmonies

Analogous

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



18.8663, -10.1429, 6.8319



18.8659, -11.9814, 2.2835



18.8663, -11.2201, -4.4779

Triad

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



18.8663, -11.9815, 2.2837



18.8663, 4.3505, -13.5870



18.8663, 7.0423, 8.3687

Complementary

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



18.8659, -11.9814, 2.2835



10.0931, 17.5470, 4.4829

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.



18.8663, 11.9808, 5.2515



18.8659, -11.9814, 2.2835



18.8663, 10.2841, -7.5317

Square

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



18.8663, -11.9815, 2.2837



18.8663, -2.3576, -15.2207



18.8663, 13.2415, -0.3227



18.8663, 0.3813, 9.4853

Rectangle

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



18.8659, -11.9814, 2.2835



18.8663, -9.2805, -9.3026



18.8663, 13.2415, -0.3227



18.8663, 8.9936, 7.5848

Sweetspot

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



18.8663, -11.9815, 2.2837



26.3069, -7.7504, 1.3196



18.4857, -14.7445, 11.1326



13.9015, -4.2543, 0.7031



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.



18.8663, -11.9815, 2.2837



24.4206, -15.6124, 3.1791



14.2935, -3.8412, -9.5733



11.3727, -1.3763, 0.5808



29.3030, -18.8060, 3.9705



74.4214, -48.3576, 11.3698

Inverse Universe

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



10.0931, 17.5470, 4.4829



13.0403, 22.6086, 6.2814



11.9774, 11.0180, 7.5731



10.8559, 0.2208, 0.6444



15.6325, 27.0625, 7.8435



39.6044, 68.2762, 22.0842

Previews

White Background



This preview shows how the HunterLab color 18.8659, -11.9814, 2.2835 looks on a white background.

Color Contrast Check

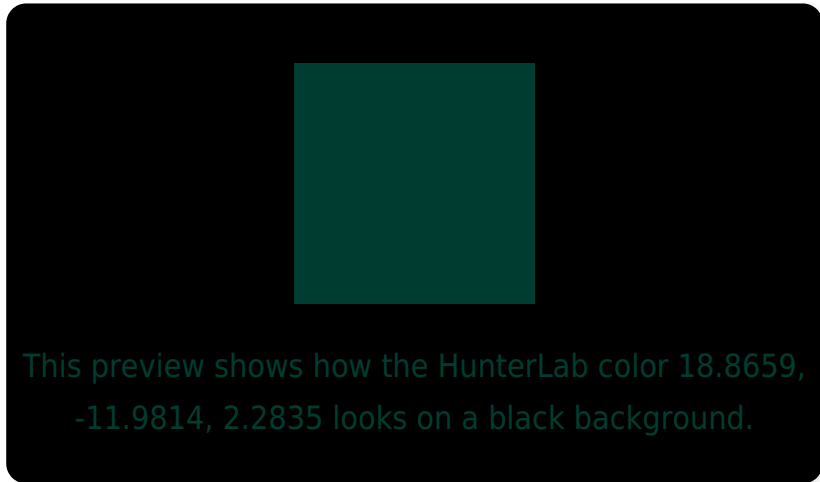
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.8659, -11.9814, 2.2835 Background



This preview shows how black text looks on a background with the HunterLab color 18.8659, -11.9814, 2.2835.



This preview shows how white text looks on a background with the HunterLab color 18.8659,

-11.9814, 2.2835.

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

18.8659, -11.9814, 2.2835

Protanopia

18.9114, -1.2143, 3.8485

Deuteranopia

19.1198, 0.9806, 2.0865



Tritanopia

19.0439, -7.6555, -3.5005

Trichromacy



Original Color

18.8659, -11.9814, 2.2835

Protanomaly

18.4409, -6.7672, 2.9344

Deuteranomaly

18.3705, -5.5125, 1.4840

Tritanomaly

19.0227, -9.4247, -1.3396

Monochromacy



Original Color

18.8659, -11.9814, 2.2835

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.8599, -5.9478, 0.7606

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8659, -11.9814, 2.2835 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, 49)` looks like.

```
.text, #text, p{  
    color:rgb(0, 61, 49)  
}
```

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, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 61, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8659, -11.9814, 2.2835 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, 49) }
```


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

```
.border{ border-color:rgb(0, 61, 49) }
```

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, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 61, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 61, 49); box-shadow:4px  
4px 4px 4px rgb(0, 61, 49) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.8659, -11.9814, 2.2835 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, 49) }
```

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

```
.background{ background-color: rgb(0, 61,  
49) }
```

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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