

Converting Colors

HunterLab(18.6046, -16.7932,
3.7312)

Have a look what the booklet for
HunterLab(18.6046, -16.7932,
3.7312) contains.

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Color

**HunterLab(19.3310,
-13.2180, 4.3717)**

Conversions

Conversions Part 1

Format	Color
Hex	003F2C
RGB	0, 63, 44
RGB Percent	0%, 25%, 17%
CMY	1.0000, 0.7529, 0.8274
CMYK	1.00, 0.00, 0.30, 0.75
HSL	162°, 100%, 12%
HSV	162°, 100%, 25%
XYZ	2.2321, 3.7369, 2.9865
YIQ	41.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

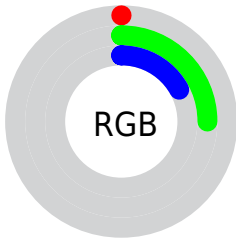
Format	Color
RYB	0, 37, 63
Decimal	16172
CIELab	22.78, -23.98, 6.55
CIELCh	23, 24.856, 164.723
Yxy	3.7370, 0.2492, 0.4173
Android (android.graphics.Color)	4278206252 (0xFF003F2C)
YUV	41.9970, 0.9875, -36.8314
Hunter-Lab	19.3310, -13.2180, 4.3717

Details

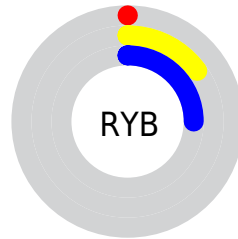
The HunterLab color **19.3310, -13.2180, 4.3717** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.5065, 18.4395, 3.3197**, and the grayscale version is **15.2199, -0.8121, 0.8269**.

A 20% lighter version of the original color is **35.9831, -17.5268, 5.9276**, and **6.3316, -5.4294, 3.8065** is the 20% darker color. If you saturate the color by 10%, you get **19.3313, -13.2183, 4.3720**, and if you desaturate by 10%, it is **19.4738, -12.5603, 3.9413**.

Distribution



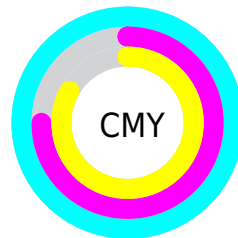
- Red (0%)
- Green (25%)
- Blue (17%)



- Red (0%)
- Yellow (15%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (30%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3310, -13.2180, 4.3717 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 19.3310, -13.2180, 4.3717 by changing the saturation by 10% instead.

■ 19.3310, -13.2180,
4.3717

■ 19.3310, -13.2180,
4.3717

■ 116.9761,
-30.8709, 12.8545

■ 12.3595, -10.6580,
3.4333

■ 36.0730, -17.7096,
6.1928

■ 5.5499, -9.7123,
3.8849

■ 45.6591, -19.7548,
7.1042

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.9701, -21.7177,
8.0252

0.0000, NaN, NaN

■ 66.9580, -23.6199,
8.9591

0.0000, NaN, NaN

■ 78.5835, -25.4768,
9.9079

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.8135, -27.2991,

10.8729

0.0000, NaN, NaN

■ 103.6192,
-29.0951, 11.8549

■ 19.3310, -13.2180,
4.3717

■ 19.3310, -13.2180,
4.3717

■ 19.3313, -13.2183,
4.3720

■ 19.4738, -12.5603,
3.9413

■ 19.6201, -11.8895,
3.4964

■ 19.7998, -11.0883,
3.0712

■ 20.0219, -10.1259,
2.6784

■ 20.2879, -9.0025,
2.3229

■ 20.5990, -7.7217,
2.0086

■ 20.9555, -6.2903,
1.7386

■ 21.3574, -4.7172,
1.5150

■ 21.8044, -3.0129,
1.3391

Harmonies

Analogous

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



19.3314, -10.2878, 8.5589



19.3310, -13.2180, 4.3717



19.3314, -13.2450, -2.8294

Triad

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



19.3314, -13.2181, 4.3719



19.3314, 2.8279, -17.8274



19.3314, 10.4995, 8.5072

Complementary

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



19.3310, -13.2180, 4.3717



10.5065, 18.4395, 3.3197

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.



19.3314, 15.2498, 4.2656



19.3310, -13.2180, 4.3717



19.3314, 10.3772, -11.6780

Square

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



19.3314, -13.2181, 4.3719



19.3314, -4.7384, -17.7630



19.3314, 15.2019, -2.9857



19.3314, 2.9754, 10.2389

Rectangle

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



19.3310, -13.2180, 4.3717



19.3314, -11.6476, -8.6722



19.3314, 15.2019, -2.9857



19.3314, 12.5218, 7.4196

Sweetspot

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



19.3314, -13.2181, 4.3719



27.1020, -8.4065, 2.2960



19.2441, -14.5224, 11.6038



13.8666, -4.4550, 1.2026



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.



19.3314, -13.2181, 4.3719



25.0394, -17.2610, 5.9644



16.6319, -6.5580, -6.6311



11.3655, -1.4161, 0.6832



29.0859, -20.1285, 7.0967



73.8427, -51.8883, 19.7150

Inverse Universe

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



10.5065, 18.4395, 3.3197



13.5811, 23.7626, 4.8652



11.4412, 13.9283, 7.2936



10.8631, 0.2594, 0.5425



15.7616, 27.5380, 5.9534



39.8874, 69.3216, 17.9201

Previews

White Background



This preview shows how the HunterLab color 19.3310, -13.2180, 4.3717 looks on a white background.

Color Contrast Check

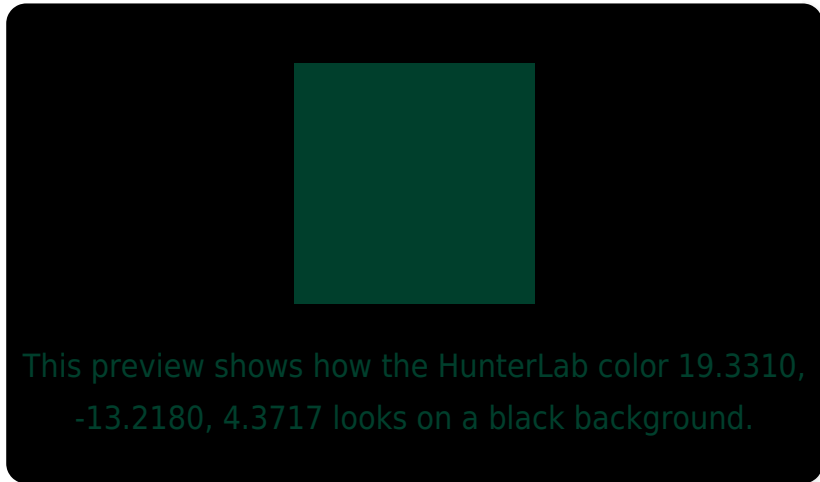
Large Text (above 18pt) WCAG AA ✓ Pass

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

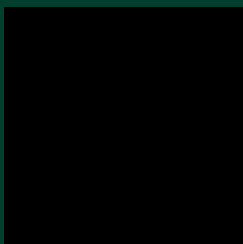
Any Text WCAG AA × Fail

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 19.3310, -13.2180, 4.3717 Background



This preview shows how black text looks on a background with the HunterLab color 19.3310, -13.2180, 4.3717.



This preview shows how white text looks on a background with the HunterLab color 19.3310,

-13.2180, 4.3717.

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

19.3310, -13.2180, 4.3717

Protanopia

19.5330, -1.7157, 5.9127

Deuteranopia

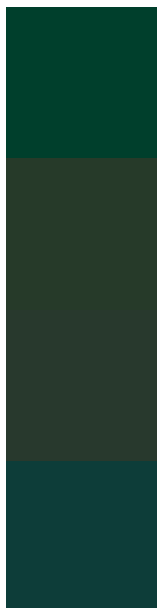
19.4942, 0.8281, 4.1653



Tritanopia

19.4237, -7.5317, -3.4285

Trichromacy



Original Color

19.3310, -13.2180, 4.3717

Protanomaly

18.9691, -7.6701, 4.9974

Deuteranomaly

18.8861, -6.4746, 3.7303

Tritanomaly

19.2833, -9.9260, -0.1932

Monochromacy



Original Color

19.3310, -13.2180, 4.3717

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.3971, -6.6108, 1.7239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3310, -13.2180, 4.3717 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, 63, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 44)  
}
```

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, 63, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3310, -13.2180, 4.3717 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, 63, 44) }
```


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

```
.border{ border-color:rgb(0, 63, 44) }
```

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

Here you see how a box with a 4 pixel rgb(0, 63, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 44); box-shadow:4px  
4px 4px 4px rgb(0, 63, 44) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.3310, -13.2180, 4.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 44) }
```

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

```
.background{ background-color: rgb(0, 63,  
44) }
```

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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