

Converting Colors

HunterLab(18.0588, -22.2453,
4.1361)

Have a look what the booklet for
HunterLab(18.0588, -22.2453,
4.1361) contains.

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Color

**HunterLab(19.8338,
-14.2499, 5.9710)**

Conversions

Conversions Part 1

Format	Color
Hex	004128
RGB	0, 65, 40
RGB Percent	0%, 25%, 16%
CMY	1.0000, 0.7451, 0.8431
CMYK	1.00, 0.00, 0.38, 0.75
HSL	157°, 100%, 13%
HSV	157°, 100%, 25%
XYZ	2.2733, 3.9338, 2.6470
YIQ	42.7150, -30.7150, -21.5550

Conversions

Conversions Part 2

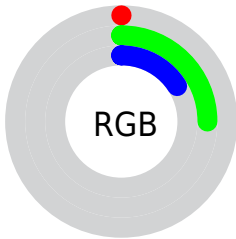
Format	Color
RYB	0, 40, 65
Decimal	16680
CIELab	23.45, -25.99, 10.08
CIELCh	23, 27.876, 158.796
Yxy	3.9340, 0.2568, 0.4443
Android (android.graphics.Color)	4278206760 (0xFF004128)
YUV	42.7150, -1.3385, -37.4611
Hunter-Lab	19.8338, -14.2499, 5.9710

Details

The HunterLab color **19.8338, -14.2499, 5.9710** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.9275, 19.3550, 2.0814**, and the grayscale version is **15.4615, -0.8250, 0.8401**.

A 20% lighter version of the original color is **36.8244, -19.1475, 8.5183**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **19.8341, -14.2503, 5.9713**, and if you desaturate by 10%, it is **19.9837, -13.5455, 5.4374**.

Distribution



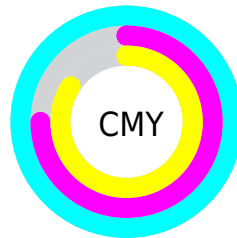
- Red (0%)
- Green (25%)
- Blue (16%)



- Red (0%)
- Yellow (16%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8338, -14.2499, 5.9710 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 19.8338, -14.2499, 5.9710 by changing the saturation by 10% instead.

■ 19.8338, -14.2499,
5.9710

■ 19.8338, -14.2499,
5.9710

■ 117.8896,
-32.9627, 16.2720

■ 12.7933, -11.4912,
4.7074

■ 36.6912, -19.0436,
8.3218

■ 6.1818, -10.8181,
4.3272

■ 46.3275, -21.2194,
9.4581

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.6851, -23.3030,
10.5856

0.0000, NaN, NaN

■ 67.7169, -25.3180,
11.7113

0.0000, NaN, NaN

■ 79.3839, -27.2810,
12.8401


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.6532, -29.2038,


13.9750


0.0000, NaN, NaN


 104.4967,
-31.0955, 15.1184


 19.8338, -14.2499,
5.9710


 19.8338, -14.2499,
5.9710


 19.8341, -14.2503,
5.9713

 19.9837, -13.5455,
5.4374

 20.1390, -12.8183,
4.8759

 20.3312, -11.9442,
4.3209

 20.5686, -10.8959,
3.7847

 20.8528, -9.6743,
3.2736

■ 21.1848, -8.2841,
2.7927

■ 21.5651, -6.7330,
2.3467

■ 21.9935, -5.0315,
1.9391

■ 22.4695, -3.1915,
1.5726

Harmonies

Analogous

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



19.8342, -10.3996, 9.8473



19.8338, -14.2499, 5.9710



19.8342, -14.9073, -1.4818

Triad

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



19.8342, -14.2501, 5.9712



19.8342, 1.5353, -21.6291



19.8342, 13.5565, 8.6272

Complementary

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



19.8338, -14.2499, 5.9710



10.9275, 19.3550, 2.0814

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.



19.8342, 18.0873, 3.3393



19.8338, -14.2499, 5.9710



19.8342, 10.4109, -15.5259

Square

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



19.8342, -14.2501, 5.9712



19.8342, -6.6970, -19.9190



19.8342, 16.8473, -5.4998



19.8342, 5.2880, 10.8629

Rectangle

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



19.8338, -14.2499, 5.9710



19.8342, -13.5782, -8.0990



19.8342, 16.8473, -5.4998



19.8342, 15.6262, 7.2643

Sweetspot

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



19.8342, -14.2501, 5.9712



27.9128, -9.0013, 3.1152



20.0009, -14.3285, 12.0735



14.6026, -4.9209, 1.6887



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.8342, -14.2501, 5.9712



25.7098, -18.6305, 8.0828



18.5973, -8.6204, -4.6357



12.1376, -1.5686, 0.8200



29.7544, -21.6469, 9.5391



74.4071, -54.9876, 25.7000

Inverse Universe

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



10.9275, 19.3550, 2.0814



14.1352, 24.9589, 3.3050



11.2473, 16.0361, 7.2109



11.5997, 0.3345, 0.4887



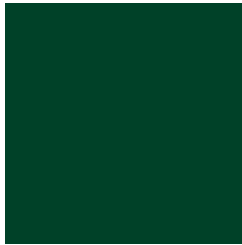
16.3437, 28.8168, 4.1449



40.7286, 71.4109, 13.4347

Previews

White Background



This preview shows how the HunterLab color 19.8338, -14.2499, 5.9710 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 19.8338, -14.2499, 5.9710 Background



This preview shows how black text looks on a background with the HunterLab color 19.8338, -14.2499, 5.9710.



This preview shows how white text looks on a background with the HunterLab color 19.8338,

-14.2499, 5.9710.

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

19.8338, -14.2499, 5.9710

Protanopia

19.8691, -1.9166, 7.2292

Deuteranopia

19.9274, 0.9749, 5.4962



Tritanopia

20.0815, -7.6843, -3.4386

Trichromacy



Original Color

19.8338, -14.2499, 5.9710

Protanomaly

19.2168, -8.2283, 6.2971

Deuteranomaly

19.1977, -6.7637, 4.9460

Tritanomaly

19.8796, -10.4288, 0.5224

Monochromacy



Original Color

19.8338, -14.2499, 5.9710

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.6368, -7.0794, 2.3212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8338, -14.2499, 5.9710 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, 65, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 40)  
}
```

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, 65, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8338, -14.2499, 5.9710 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, 65, 40) }
```


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

```
.border{ border-color:rgb(0, 65, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 65, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 65, 40); box-shadow:4px  
4px 4px 4px rgb(0, 65, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.8338, -14.2499, 5.9710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 40) }
```

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

```
.background{ background-color: rgb(0, 65,  
40) }
```

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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