

Converting Colors

HunterLab(19.4658, -13.9315,
5.7435)

Have a look what the booklet for
HunterLab(19.4658, -13.9315,
5.7435) contains.

HunterLab(19.5448, -13.9613, 5.7092)	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(19.5448,
-13.9613, 5.7092)**

Conversions

Conversions Part 1

Format	Color
Hex	004028
RGB	0, 64, 40
RGB Percent	0%, 25%, 16%
CMY	1.0000, 0.7490, 0.8431
CMYK	1.00, 0.00, 0.37, 0.75
HSL	157°, 100%, 13%
HSV	157°, 100%, 25%
XYZ	2.2164, 3.8200, 2.6280
YIQ	42.1280, -30.4400, -21.0320

Conversions

Conversions Part 2

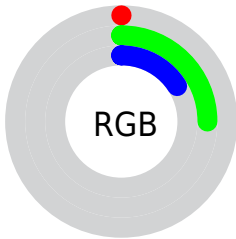
Format	Color
RYB	0, 39, 64
Decimal	16424
CIELab	23.07, -25.55, 9.56
CIELCh	23, 27.275, 159.485
Yxy	3.8201, 0.2558, 0.4409
Android (android.graphics.Color)	4278206504 (0xFF004028)
YUV	42.1280, -1.0491, -36.9463
Hunter-Lab	19.5448, -13.9613, 5.7092

Details

The HunterLab color **19.5448, -13.9613, 5.7092** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.7519, 19.0253, 2.1923**, and the grayscale version is **15.2688, -0.8147, 0.8296**.

A 20% lighter version of the original color is **36.1732, -18.5721, 7.8780**, and **6.8245, -5.8521, 4.1028** is the 20% darker color. If you saturate the color by 10%, you get **19.5451, -13.9617, 5.7095**, and if you desaturate by 10%, it is **19.6934, -13.2652, 5.1941**.

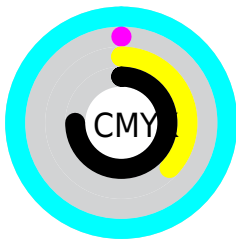
Distribution



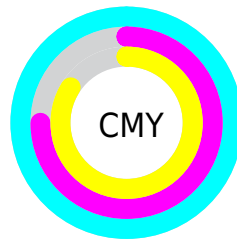
- Red (0%)
- Green (25%)
- Blue (16%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (37%)
- Black (75%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5448, -13.9613, 5.7092 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 19.5448, -13.9613, 5.7092 by changing the saturation by 10% instead.

■ 19.5448, -13.9613,
5.7092

■ 19.5448, -13.9613,
5.7092

■ 117.3652,
-32.4580, 15.7387

■ 12.5438, -11.2589,
4.4941

■ 36.3361, -18.6973,
7.9824

■ 5.8276, -10.1984,
4.0793

■ 45.9437, -20.8468,
9.0852

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2745, -22.9056,
10.1818

0.0000, NaN, NaN

■ 67.2811, -24.8972,
11.2787

0.0000, NaN, NaN

■ 78.9244, -26.8378,
12.3803


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.1711, -28.7392,


13.4895


0.0000, NaN, NaN


 103.9930,
-30.6104, 14.6085


 19.5448, -13.9613,
5.7092


 19.5448, -13.9613,
5.7092


 19.5451, -13.9617,
5.7095

 19.6934, -13.2652,
5.1941

 19.8467, -12.5494,
4.6531

 20.0357, -11.6925,
4.1198

 20.2687, -10.6659,
3.6070

 20.5475, -9.4702,
3.1205

■ 20.8730, -8.1100,
2.6654

■ 21.2457, -6.5929,
2.2459

■ 21.6654, -4.9288,
1.8653

■ 22.1316, -3.1295,
1.5262

Harmonies

Analogous

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



19.5452, -10.2707, 9.5818



19.5448, -13.9613, 5.7092



19.5452, -14.5328, -1.6342

Triad

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



19.5452, -13.9615, 5.7094



19.5452, 1.6828, -20.8963



19.5452, 13.0113, 8.5163

Complementary

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



19.5448, -13.9613, 5.7092



10.7519, 19.0253, 2.1923

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.



19.5452, 17.5229, 3.4249



19.5448, -13.9613, 5.7092



19.5452, 10.2934, -14.8482

Square

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



19.5452, -13.9615, 5.7094



19.5452, -6.3763, -19.4244



19.5452, 16.4522, -5.1061



19.5452, 4.9295, 10.6635

Rectangle

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



19.5448, -13.9613, 5.7092



19.5452, -13.1854, -8.0838



19.5452, 16.4522, -5.1061



19.5452, 15.0527, 7.2045

Sweetspot

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



19.5452, -13.9615, 5.7094



27.9187, -8.9673, 3.0305



19.6666, -14.2398, 11.8690



14.6059, -4.9021, 1.6419



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.



19.5452, -13.9615, 5.7094



25.7241, -18.5429, 7.8760



18.0295, -8.1303, -4.9840



12.1383, -1.5646, 0.8098



29.7710, -21.5449, 9.2980



74.4495, -54.7260, 25.0822

Inverse Universe

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



10.7519, 19.0253, 2.1923



14.1196, 24.9019, 3.5299



11.1900, 15.4396, 7.1652



11.5990, 0.3306, 0.4991



16.3259, 28.7515, 4.4029



40.6863, 71.2556, 14.0498

Previews

White Background



This preview shows how the HunterLab color 19.5448, -13.9613, 5.7092 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

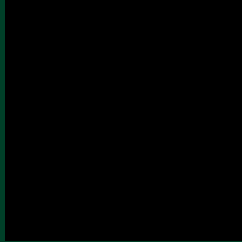
Any Text WCAG AA × Fail

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 19.5448, -13.9613, 5.7092 Background



This preview shows how black text looks on a background with the HunterLab color 19.5448, -13.9613, 5.7092.



This preview shows how white text looks on a background with the HunterLab color 19.5448,

-13.9613, 5.7092.

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

19.5448, -13.9613, 5.7092

Protanopia

19.7898, -2.1963, 7.1555

Deuteranopia

19.5887, 0.9936, 5.4579



Tritanopia

19.7813, -7.4969, -3.3908

Trichromacy



Original Color

19.5448, -13.9613, 5.7092

Protanomaly

19.1666, -8.4220, 6.2486

Deuteranomaly

18.8620, -6.7208, 4.9109

Tritanomaly

19.6016, -10.0966, 0.1931

Monochromacy



Original Color

19.5448, -13.9613, 5.7092

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.3533, -6.8661, 2.3509

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5448, -13.9613, 5.7092 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, 64, 40)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 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, 64, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5448, -13.9613, 5.7092 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, 64, 40) }
```


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

```
.border{ border-color:rgb(0, 64, 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, 64, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 40); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 40); box-shadow:4px  
4px 4px 4px rgb(0, 64, 40) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.5448, -13.9613, 5.7092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 40) }
```

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

```
.background{ background-color: rgb(0, 64,  
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](#).

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