

Converting Colors

HunterLab(16.1409, -20.8522,
4.8711)

Have a look what the booklet for
HunterLab(16.1409, -20.8522,
4.8711) contains.

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Color

**HunterLab(17.9635,
-13.4376, 6.5551)**

Conversions

Conversions Part 1

Format	Color
Hex	003B1F
RGB	0, 59, 31
RGB Percent	0%, 23%, 12%
CMY	1.0000, 0.7686, 0.8784
CMYK	1.00, 0.00, 0.47, 0.77
HSL	152°, 100%, 12%
HSV	152°, 100%, 23%
XYZ	1.8113, 3.2269, 1.8237
YIQ	38.1670, -26.1760, -21.2160

Conversions

Conversions Part 2

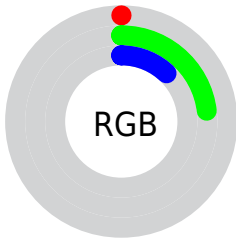
Format	Color
RYB	0, 39, 59
Decimal	15135
CIELab	20.93, -25.63, 12.50
CIELCh	21, 28.517, 153.998
Yxy	3.2270, 0.2640, 0.4703
Android (android.graphics.Color)	4278205215 (0xFF003B1F)
YUV	38.1670, -3.5333, -33.4725
Hunter-Lab	17.9635, -13.4376, 6.5551

Details

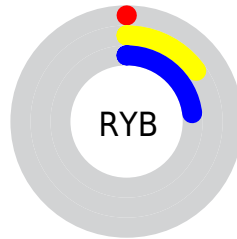
The HunterLab color **17.9635, -13.4376, 6.5551** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.0683, 18.0745, 0.0506**, and the grayscale version is **13.9931, -0.7466, 0.7603**.

A 20% lighter version of the original color is **34.3623, -18.3222, 9.3675**, and **3.6090, -3.0947, 2.1697** is the 20% darker color. If you saturate the color by 10%, you get **17.9638, -13.4379, 6.5553**, and if you desaturate by 10%, it is **18.1121, -12.7369, 6.0327**.

Distribution



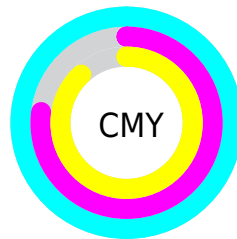
- Red (0%)
- Green (23%)
- Blue (12%)



- Red (0%)
- Yellow (15%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.9635, -13.4376, 6.5551 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 17.9635, -13.4376, 6.5551 by changing the saturation by 10% instead.

■ 17.9635, -13.4376,
6.5551

■ 17.9635, -13.4376,
6.5551

■ 114.4629,
-32.1471, 18.1845

■ 11.1864, -11.2067,
5.4794

■ 34.3824, -18.2717,
9.3182

■ 3.2104, -5.6182,
2.2473

■ 43.8282, -20.4507,
10.6212

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.0089, -22.5320,
11.8987

0.0000, NaN, NaN

■ 64.8747, -24.5414,
13.1615

0.0000, NaN, NaN

■ 76.3848, -26.4964,
14.4170


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.5051, -28.4098,


15.6704


0.0000, NaN, NaN


 101.2063,
-30.2910, 16.9254


 17.9635, -13.4376,
6.5551


 17.9635, -13.4376,
6.5551


 17.9638, -13.4379,
6.5553

 18.1121, -12.7369,
6.0327

 18.2644, -12.0198,
5.4683

 18.4471, -11.1800,
4.8894

 18.6709, -10.1800,
4.3106

 18.9370, -9.0216,
3.7377

■ 19.2463, -7.7099,
3.1763

■ 19.5990, -6.2528,
2.6315

■ 19.9949, -4.6603,
2.1075

■ 20.4334, -2.9439,
1.6081

Harmonies

Analogous

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



17.9639, -9.2314, 9.7028



17.9635, -13.4376, 6.5551



17.9639, -14.5529, -0.1428

Triad

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



17.9639, -13.4378, 6.5552



17.9639, 0.1969, -22.5437



17.9639, 14.7365, 7.6906

Complementary

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



17.9635, -13.4376, 6.5551



10.0683, 18.0745, 0.0506

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.



17.9639, 18.4738, 2.0306



17.9635, -13.4376, 6.5551



17.9639, 9.1473, -17.3297

Square

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



17.9639, -13.4378, 6.5552



17.9639, -7.5910, -19.4195



17.9639, 16.2594, -7.2819



17.9639, 6.7999, 10.1616

Rectangle

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



17.9635, -13.4376, 6.5551



17.9639, -13.6076, -6.5835



17.9639, 16.2594, -7.2819



17.9639, 16.5864, 6.2306

Sweetspot

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



17.9639, -13.4378, 6.5552



25.2956, -8.3623, 3.5010



18.3910, -12.2174, 11.1185



13.0581, -4.4496, 1.8557



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.9639, -13.4378, 6.5552



23.2219, -17.5372, 8.8323



18.2858, -9.5149, -2.3155



11.3538, -1.4810, 0.8500



28.8000, -21.8868, 11.2498



73.1006, -56.4613, 30.5143

Inverse Universe

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



10.0683, 18.0745, 0.0506



12.9858, 23.2338, 0.6759



9.7530, 16.1393, 6.2921



10.8750, 0.3239, 0.3722



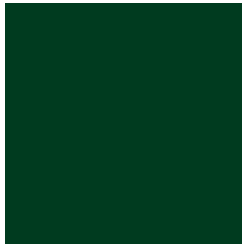
16.0810, 28.7066, 1.3412



40.6592, 72.1530, 6.7164

Previews

White Background



This preview shows how the HunterLab color 17.9635, -13.4376, 6.5551 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

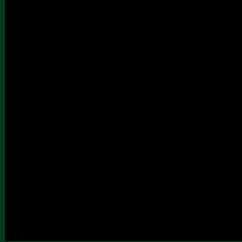
Any Text WCAG AA × Fail

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 17.9635, -13.4376, 6.5551 Background



This preview shows how black text looks on a background with the HunterLab color 17.9635, -13.4376, 6.5551.



This preview shows how white text looks on a background with the HunterLab color 17.9635,

-13.4376, 6.5551.

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

17.9635, -13.4376, 6.5551

Protanopia

18.1445, -2.0008, 7.5557

Deuteranopia

18.1775, 0.7079, 6.2771



Tritanopia

18.2350, -6.8454, -2.7833

Trichromacy



Original Color

17.9635, -13.4376, 6.5551

Protanomaly

17.6128, -7.8320, 6.8028

Deuteranomaly

17.5708, -6.5270, 5.8577

Tritanomaly

18.0038, -9.7084, 1.3548

Monochromacy



Original Color

17.9635, -13.4376, 6.5551

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

15.0650, -6.7297, 2.9071

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.9635, -13.4376, 6.5551 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, 59, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 31)  
}
```

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, 59, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 17.9635, -13.4376, 6.5551 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, 59, 31) }
```


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

```
.border{ border-color:rgb(0, 59, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 31); box-shadow:4px  
4px 4px 4px rgb(0, 59, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.9635, -13.4376, 6.5551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 31) }
```

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

```
.background{ background-color: rgb(0, 59,  
31) }
```

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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