

Converting Colors

HunterLab(21.4706, -17.5410,
11.0296)

Have a look what the booklet for
HunterLab(21.4706, -17.5410,
11.0296) contains.

HunterLab(21.3556, -17.4073, 10.8848)	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(21.3556,
-17.4073, 10.8848)**

Conversions

Conversions Part 1

Format	Color
Hex	004715
RGB	0, 71, 21
RGB Percent	0%, 28%, 8%
CMY	1.0000, 0.7216, 0.9176
CMYK	1.00, 0.00, 0.70, 0.72
HSL	138°, 100%, 14%
HSV	138°, 100%, 28%
XYZ	2.3886, 4.5606, 1.4639
YIQ	44.0710, -26.2660, -30.6020

Conversions

Conversions Part 2

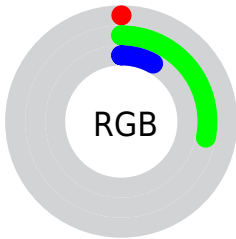
Format	Color
RYB	0, 55, 71
Decimal	18197
CIELab	25.44, -32.18, 23.90
CIELCh	25, 40.088, 143.404
Yxy	4.5608, 0.2839, 0.5421
Android (android.graphics.Color)	4278208277 (0xFF004715)
YUV	44.0710, -11.3740, -38.6503
Hunter-Lab	21.3556, -17.4073, 10.8848

Details

The HunterLab color **21.3556, -17.4073, 10.8848** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.5298, 23.2952, -6.1510**, and the grayscale version is **15.9364, -0.8503, 0.8659**.

A 20% lighter version of the original color is **38.4137, -23.0633, 15.3112**, and **9.1132, -7.8146, 5.4787** is the 20% darker color. If you saturate the color by 10%, you get **21.3560, -17.4077, 10.8850**, and if you desaturate by 10%, it is **21.5106, -16.6600, 10.2692**.

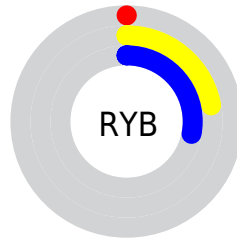
Distribution



Red (0%)

Green (28%)

Blue (8%)



Red (0%)

Yellow (22%)

Blue (28%)

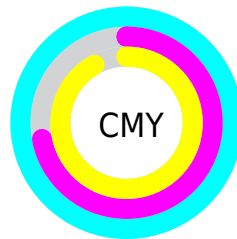


Cyan (100%)

Magenta (0%)

Yellow (70%)

Black (72%)



Cyan (100%)

Magenta (72%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3556, -17.4073, 10.8848 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 21.3556, -17.4073, 10.8848 by changing the saturation by 10% instead.

■ 21.3556, -17.4073,
10.8848

■ 21.3556, -17.4073,
10.8848

■ 120.6227,
-39.3744, 28.6947

■ 14.1137, -14.0817,
9.0778

■ 38.5516, -23.1235,
15.4279

■ 7.7640, -13.5869,
5.4348

■ 48.3360, -25.6999,
17.4976

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.8314, -28.1547,
19.4811

0.0000, NaN, NaN

■ 69.9927, -30.5167,
21.4005

0.0000, NaN, NaN

■ 81.7822, -32.8064,
23.2714

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.1681, -35.0389,


25.1053


0.0000, NaN, NaN


 107.1229,
-37.2253, 26.9109


 21.3556, -17.4073,
10.8848


 21.3556, -17.4073,
10.8848


 21.3560, -17.4077,
10.8850

 21.5106, -16.6600,
10.2692

 21.6808, -15.8363,
9.5371

 21.9015, -14.7945,
8.7179

 22.1796, -13.5152,
7.8221

 22.5168, -12.0012,
6.8582

■ 22.9144, -10.2608,
5.8358

■ 23.3725, -8.3070,
4.7651

■ 23.8907, -6.1563,
3.6564

■ 24.4678, -3.8271,
2.5195

Harmonies

Analogous

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



21.3560, -9.9913, 13.5748



21.3556, -17.4073, 10.8848



21.3560, -20.3711, 3.6599

Triad

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



21.3560, -17.4076, 10.8849



21.3560, -3.8711, -37.1190



21.3560, 26.1711, 8.4778

Complementary

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



21.3556, -17.4073, 10.8848



12.5298, 23.2952, -6.1510

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.



21.3560, 28.8926, -1.6785



21.3556, -17.4073, 10.8848



21.3560, 9.4372, -32.9770

Square

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



21.3560, -17.4076, 10.8849



21.3560, -13.8238, -27.1168



21.3560, 22.1826, -17.8133



21.3560, 15.4334, 12.6810

Rectangle

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



21.3556, -17.4073, 10.8848



21.3560, -20.0656, -4.9461



21.3560, 22.1826, -17.8133



21.3560, 28.1433, 5.8720

Sweetspot

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



21.3560, -17.4076, 10.8849



30.3177, -11.1115, 6.3612



22.8199, -11.6753, 13.8570



15.2641, -5.8613, 3.3470



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.3560, -17.4076, 10.8849



27.7480, -22.7667, 14.4642



21.8825, -14.1668, 3.2310



12.8984, -1.8321, 1.2390



30.1661, -24.7932, 15.8163



74.3758, -61.8248, 40.4987

Inverse Universe

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



12.5298, 23.2952, -6.1510



16.2561, 30.1617, -7.5005



11.7272, 20.3862, 5.2249



12.3652, 0.5235, 0.1363



17.6655, 32.7583, -8.0079



43.4219, 80.1921, -17.1406

Previews

White Background



This preview shows how the HunterLab color 21.3556, -17.4073, 10.8848 looks on a white background.

Color Contrast Check

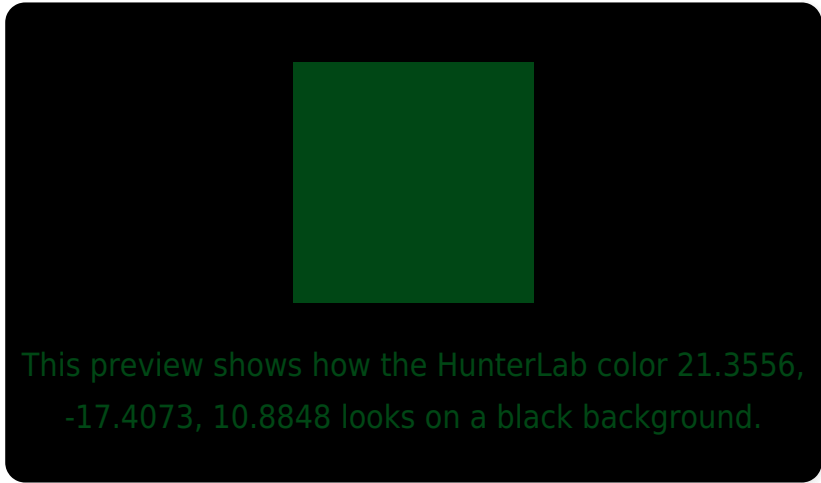
Large Text (above 18pt) WCAG AA ✓ Pass

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

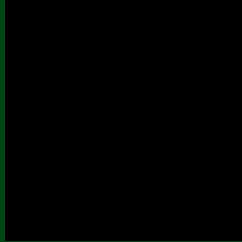
Any Text WCAG AA × Fail

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 21.3556, -17.4073, 10.8848 Background



This preview shows how black text looks on a background with the HunterLab color 21.3556, -17.4073, 10.8848.



This preview shows how white text looks on a background with the HunterLab color 21.3556,

-17.4073, 10.8848.

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

21.3556, -17.4073, 10.8848

Protanopia

21.4712, -2.9753, 11.5981

Deuteranopia

21.4396, 0.7888, 10.5221



Tritanopia

21.5070, -7.5544, -3.7812

Trichromacy



Original Color

21.3556, -17.4073, 10.8848

Protanomaly

20.8356, -10.7258, 10.8978

Deuteranomaly

20.6139, -8.7001, 10.0644

Tritanomaly

21.2600, -12.3596, 3.4908

Monochromacy



Original Color

21.3556, -17.4073, 10.8848

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

17.3568, -8.6081, 4.8430

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.3556, -17.4073, 10.8848 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, 71, 21)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 21)  
}
```

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, 71, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3556, -17.4073, 10.8848 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, 71, 21) }
```


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

```
.border{ border-color:rgb(0, 71, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 71, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 21); box-shadow:4px  
4px 4px 4px rgb(0, 71, 21) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3556, -17.4073, 10.8848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 71, 21) }
```

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

```
.background{ background-color: rgb(0, 71,  
21) }
```

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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