

Converting Colors

HunterLab(19.5618, -25.7337,
9.0939)

Have a look what the booklet for
HunterLab(19.5618, -25.7337,
9.0939) contains.

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Color

**HunterLab(21.3737,
-17.2947, 10.6190)**

Conversions

Conversions Part 1

Format	Color
Hex	004717
RGB	0, 71, 23
RGB Percent	0%, 28%, 9%
CMY	1.0000, 0.7216, 0.9098
CMYK	1.00, 0.00, 0.68, 0.72
HSL	139°, 100%, 14%
HSV	139°, 100%, 28%
XYZ	2.4079, 4.5684, 1.5655
YIQ	44.2990, -26.9080, -29.9800

Conversions

Conversions Part 2

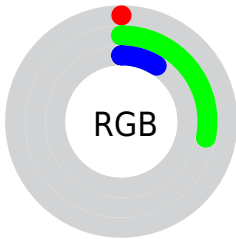
Format	Color
RYB	0, 54, 71
Decimal	18199
CIELab	25.47, -31.89, 22.86
CIElCh	25, 39.241, 144.363
Yxy	4.5685, 0.2819, 0.5348
Android (android.graphics.Color)	4278208279 (0xFF004717)
YUV	44.2990, -10.5004, -38.8502
Hunter-Lab	21.3737, -17.2947, 10.6190

Details

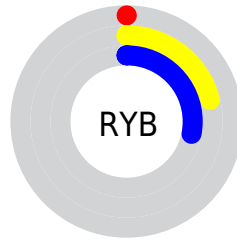
The HunterLab color **21.3737, -17.2947, 10.6190** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.4622, 23.0541, -5.2212**, and the grayscale version is **16.0087, -0.8542, 0.8698**.

A 20% lighter version of the original color is **38.4449, -22.8752, 14.8550**, and **9.1132, -7.8146, 5.4787** is the 20% darker color. If you saturate the color by 10%, you get **21.3741, -17.2950, 10.6191**, and if you desaturate by 10%, it is **21.5299, -16.5405, 9.9859**.

Distribution



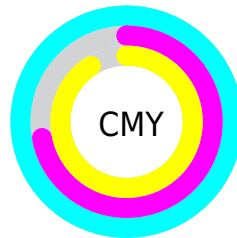
- Red (0%)
- Green (28%)
- Blue (9%)



- Red (0%)
- Yellow (21%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.3737, -17.2947, 10.6190 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 21.3737, -17.2947, 10.6190 by changing the saturation by 10% instead.

■ 21.3737, -17.2947,
10.6190

■ 21.3737, -17.2947,
10.6190

■ 120.6549,
-39.0972, 27.8401

■ 14.1294, -13.9996,
8.7741

■ 38.5736, -22.9622,
14.9895

■ 7.7806, -13.6161,
5.4464

■ 48.3597, -25.5182,
16.9856

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.8568, -27.9543,
18.9018

0.0000, NaN, NaN

■ 70.0196, -30.2990,
20.7589

0.0000, NaN, NaN

■ 81.8105, -32.5726,
22.5718


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.1978, -34.7898,


24.3512


0.0000, NaN, NaN


 107.1539,
-36.9618, 26.1052


 21.3737, -17.2947,
10.6190


 21.3737, -17.2947,
10.6190


 21.3741, -17.2950,
10.6191

 21.5299, -16.5405,
9.9859

 21.7008, -15.7137,
9.2451

 21.9215, -14.6732,
8.4273

 22.1988, -13.3997,
7.5430

 22.5346, -11.8958,
6.6012

■ 22.9300, -10.1698,
5.6113

■ 23.3852, -8.2342,
4.5831

■ 23.8997, -6.1050,
3.5264

■ 24.4726, -3.8003,
2.4504

Harmonies

Analogous

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



21.3741, -10.1286, 13.3786



21.3737, -17.2947, 10.6190



21.3741, -20.0950, 3.2770

Triad

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



21.3741, -17.2950, 10.6191



21.3741, -3.4374, -36.0441



21.3741, 25.2562, 8.5739

Complementary

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



21.3737, -17.2947, 10.6190



12.4622, 23.0541, -5.2212

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.



21.3741, 28.1973, -1.1907



21.3737, -17.2947, 10.6190



21.3741, 9.6299, -31.6053

Square

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



21.3741, -17.2950, 10.6191



21.3741, -13.3532, -26.7625



21.3741, 21.9384, -16.7586



21.3741, 14.6300, 12.6310

Rectangle

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



21.3737, -17.2947, 10.6190



21.3741, -19.7067, -5.2746



21.3741, 21.9384, -16.7586



21.3741, 27.2649, 6.0669

Sweetspot

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



21.3741, -17.2950, 10.6191



30.3346, -11.0136, 6.1173



22.6886, -12.1941, 13.7671



15.2730, -5.8094, 3.2182



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.



21.3741, -17.2950, 10.6191



27.7707, -22.6254, 14.1309



21.9363, -13.8412, 2.4609



12.9006, -1.8199, 1.2075



30.1905, -24.6412, 15.4578



74.4304, -61.4835, 39.6937

Inverse Universe

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



12.4622, 23.0541, -5.2212



16.1663, 29.8408, -6.2627



11.6994, 20.2841, 5.6316



12.3628, 0.5106, 0.1702



17.5673, 32.4073, -6.6537



43.1705, 79.2910, -13.6562

Previews

White Background



This preview shows how the HunterLab color 21.3737, -17.2947, 10.6190 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

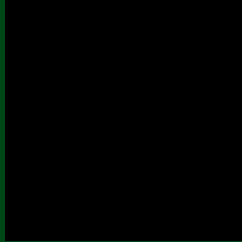
Any Text WCAG AA × Fail

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 21.3737, -17.2947, 10.6190 Background



This preview shows how black text looks on a background with the HunterLab color 21.3737, -17.2947, 10.6190.



This preview shows how white text looks on a background with the HunterLab color 21.3737,

-17.2947, 10.6190.

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

21.3737, -17.2947, 10.6190

Protanopia

21.4871, -2.8868, 11.3635

Deuteranopia

21.4502, 0.8459, 10.3662



Tritanopia

21.5070, -7.5544, -3.7812

Trichromacy



Original Color

21.3737, -17.2947, 10.6190

Protanomaly

20.8526, -10.6243, 10.6461

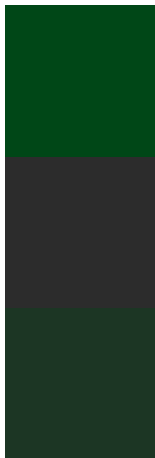
Deuteranomaly

20.6349, -8.5777, 9.7569

Tritanomaly

21.2819, -12.2284, 3.1767

Monochromacy



Original Color

21.3737, -17.2947, 10.6190

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 21.3737, -17.2947, 10.6190 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 21.3737, -17.2947, 10.6190 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, 23) }
```


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

```
.border{ border-color:rgb(0, 71, 23) }
```

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, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 23); box-shadow:4px  
4px 4px 4px rgb(0, 71, 23) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.3737, -17.2947, 10.6190 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, 23) }
```

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

```
.background{ background-color: rgb(0, 71,  
23) }
```

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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