

Converting Colors

HunterLab(18.1493, -31.4197,
1.6998)

Have a look what the booklet for
HunterLab(18.1493, -31.4197,
1.6998) contains.

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Color

**HunterLab(21.7065,
-15.2379, 5.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	00472F
RGB	0, 71, 47
RGB Percent	0%, 28%, 18%
CMY	1.0000, 0.7216, 0.8157
CMYK	1.00, 0.00, 0.34, 0.72
HSL	160°, 100%, 14%
HSV	160°, 100%, 28%
XYZ	2.7663, 4.7117, 3.4530
YIQ	47.0350, -34.6120, -22.5160

Conversions

Conversions Part 2

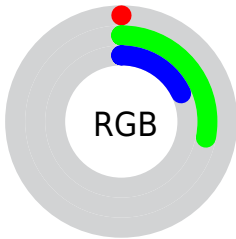
Format	Color
RYB	0, 43, 71
Decimal	18223
CIELab	25.90, -26.79, 8.93
CIELCh	26, 28.240, 161.563
Yxy	4.7119, 0.2531, 0.4310
Android (android.graphics.Color)	4278208303 (0xFF00472F)
YUV	47.0350, -0.0173, -41.2497
Hunter-Lab	21.7065, -15.2379, 5.7629

Details

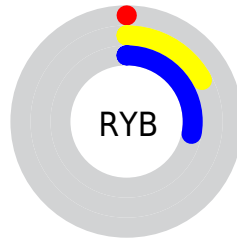
The HunterLab color **21.7065, -15.2379, 5.7629** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.8559, 20.8593, 3.3487**, and the grayscale version is **16.8804, -0.9007, 0.9171**.

A 20% lighter version of the original color is **38.9269, -19.9931, 7.8634**, and **9.3741, -8.0383, 5.6355** is the 20% darker color. If you saturate the color by 10%, you get **21.7069, -15.2382, 5.7632**, and if you desaturate by 10%, it is **21.8578, -14.5269, 5.2116**.

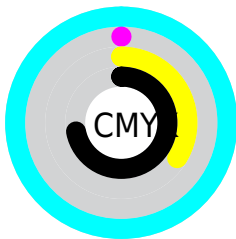
Distribution



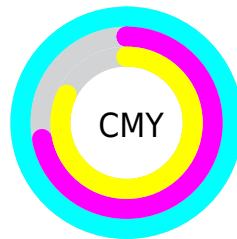
- Red (0%)
- Green (28%)
- Blue (18%)



- Red (0%)
- Yellow (17%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7065, -15.2379, 5.7629 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 21.7065, -15.2379, 5.7629 by changing the saturation by 10% instead.

■ 21.7065, -15.2379,
5.7629

■ 21.7065, -15.2379,
5.7629

■ 121.2464,
-34.2073, 15.4644

■ 14.4196, -12.4654,
4.6234

■ 38.9785, -20.0697,
7.9253

■ 8.0803, -14.1405,
5.0215

■ 48.7961, -22.2739,
8.9861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.3227, -24.3882,
10.0460

0.0000, NaN, NaN

■ 70.5131, -26.4349,
11.1102

0.0000, NaN, NaN

■ 82.3303, -28.4300,
12.1821


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.7425, -30.3850,


13.2641


0.0000, NaN, NaN


 107.7225,
-32.3085, 14.3579


 21.7065, -15.2379,
5.7629


 21.7065, -15.2379,
5.7629


 21.7069, -15.2382,
5.7632

 21.8578, -14.5269,
5.2116

 22.0177, -13.7804,
4.6405

 22.2208, -12.8625,
4.0888

 22.4737, -11.7531,
3.5673

 22.7785, -10.4520,
3.0826

■ 23.1365, -8.9637,
2.6401

■ 23.5481, -7.2962,
2.2442

■ 24.0134, -5.4607,
1.8982

■ 24.5319, -3.4701,
1.6043

Harmonies

Analogous

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



21.7069, -11.4734, 10.2323



21.7065, -15.2379, 5.7629



21.7069, -15.6247, -2.3776

Triad

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



21.7069, -15.2381, 5.7631



21.7069, 2.4133, -21.8736



21.7069, 13.3388, 9.5016

Complementary

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



21.7065, -15.2379, 5.7629



11.8559, 20.8593, 3.3487

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.



21.7069, 18.4920, 4.2245



21.7065, -15.2379, 5.7629



21.7069, 11.5329, -15.0629

Square

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



21.7069, -15.2381, 5.7631



21.7069, -6.3575, -20.9067



21.7069, 17.7820, -4.6852



21.7069, 4.5792, 11.7053

Rectangle

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



21.7065, -15.2379, 5.7629



21.7069, -14.0059, -9.3014



21.7069, 17.7820, -4.6852



21.7069, 15.6099, 8.1439

Sweetspot

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



21.7069, -15.2381, 5.7631



30.5534, -9.7518, 2.9749



21.7059, -16.1880, 13.0915



15.3891, -5.1380, 1.5501



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.



21.7069, -15.2381, 5.7631



28.2030, -19.9508, 7.8167



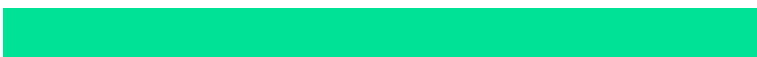
19.2967, -8.1299, -6.5687



12.9275, -1.6704, 0.8234



30.6603, -21.7342, 8.5951



75.5780, -54.3712, 22.9060

Inverse Universe

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



11.8559, 20.8593, 3.3487



15.3757, 26.9758, 4.9395



12.5342, 16.7202, 8.0161



12.3346, 0.3589, 0.5711



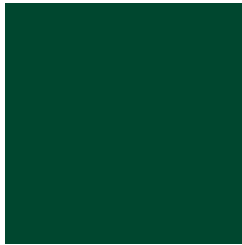
16.7074, 29.2900, 5.5393



41.0544, 71.6022, 16.4866

Previews

White Background



This preview shows how the HunterLab color 21.7065, -15.2379, 5.7629 looks on a white background.

Color Contrast Check

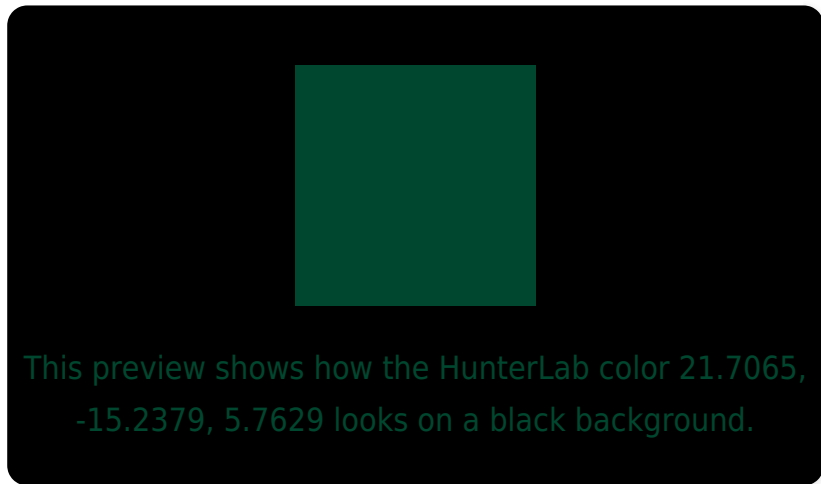
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7065, -15.2379, 5.7629 Background



This preview shows how black text looks on a background with the HunterLab color 21.7065, -15.2379, 5.7629.



This preview shows how white text looks on a background with the HunterLab color 21.7065,

-15.2379, 5.7629.

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

21.7065, -15.2379, 5.7629

Protanopia

21.9385, -1.9949, 7.3068

Deuteranopia

21.7622, 1.3870, 5.2127



Tritanopia

21.9590, -8.5904, -3.6386

Trichromacy



Original Color

21.7065, -15.2379, 5.7629

Protanomaly

21.1566, -8.8344, 6.2041

Deuteranomaly

20.8749, -6.9568, 4.4882

Tritanomaly

21.7637, -11.2895, -0.0010

Monochromacy



Original Color

21.7065, -15.2379, 5.7629

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

18.1923, -7.6731, 2.3110

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7065, -15.2379, 5.7629 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, 47)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 47)  
}
```

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, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7065, -15.2379, 5.7629 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, 47) }
```


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

```
.border{ border-color:rgb(0, 71, 47) }
```

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, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 47); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 47); box-shadow:4px  
4px 4px 4px rgb(0, 71, 47) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7065, -15.2379, 5.7629 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, 47) }
```

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

```
.background{ background-color: rgb(0, 71,  
47) }
```

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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