

Converting Colors

HunterLab(21.6774, -16.2570,
7.9994)

Have a look what the booklet for
HunterLab(21.6774, -16.2570,
7.9994) contains.

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Color

**HunterLab(21.5555,
-16.1662, 7.9556)**

Conversions

Conversions Part 1

Format	Color
Hex	004726
RGB	0, 71, 38
RGB Percent	0%, 28%, 15%
CMY	1.0000, 0.7216, 0.8510
CMYK	1.00, 0.00, 0.46, 0.72
HSL	152°, 100%, 14%
HSV	152°, 100%, 28%
XYZ	2.6031, 4.6464, 2.5934
YIQ	46.0090, -31.7230, -25.3150

Conversions

Conversions Part 2

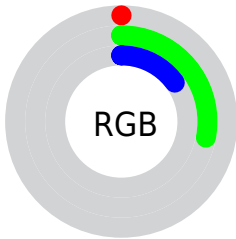
Format	Color
RYB	0, 46, 71
Decimal	18214
CIELab	25.70, -29.04, 14.36
CIElCh	26, 32.395, 153.691
Yxy	4.6466, 0.2645, 0.4721
Android (android.graphics.Color)	4278208294 (0xFF004726)
YUV	46.0090, -3.9484, -40.3499
Hunter-Lab	21.5555, -16.1662, 7.9556

Details

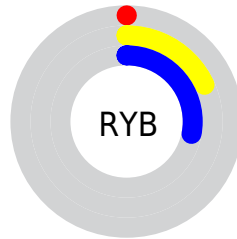
The HunterLab color $[21.5555, -16.1662, 7.9556]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[12.0394, 21.5295, 0.7093]$, and the grayscale version is $[16.5525, -0.8832, 0.8993]$.

A 20% lighter version of the original color is $[38.7134, -21.2649, 10.9495]$, and $[9.1132, -7.8146, 5.4787]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.5559, -16.1665, 7.9558]$, and if you desaturate by 10%, it is $[21.7133, -15.4098, 7.3061]$.

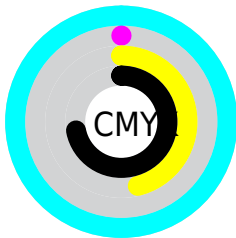
Distribution



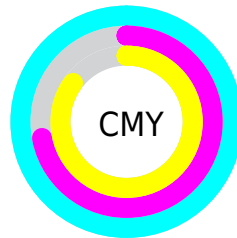
- Red (0%)
- Green (28%)
- Blue (15%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (46%)
- Black (72%)



- Cyan (100%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5555, -16.1662, 7.9556 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 21.5555, -16.1662, 7.9556 by changing the saturation by 10% instead.

■ 21.5555, -16.1662,
7.9556

■ 21.5555, -16.1662,
7.9556

■ 120.9783,
-36.3756, 20.4825

■ 14.2879, -13.1655,
6.3121

■ 38.7949, -21.3631,
10.9448

■ 7.9459, -13.9054,
5.5621

■ 48.5983, -23.7212,
12.3558

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.1114, -25.9763,
13.7369

0.0000, NaN, NaN

■ 70.2894, -28.1536,
15.0991

0.0000, NaN, NaN

■ 82.0946, -30.2707,
16.4500


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.4955, -32.3406,


17.7950


0.0000, NaN, NaN


 107.4647,
-34.3730, 19.1382


 21.5555, -16.1662,
7.9556


 21.5555, -16.1662,
7.9556


 21.5559, -16.1665,
7.9558

 21.7133, -15.4098,
7.3061

 21.8815, -14.6067,
6.6093

 22.0951, -13.6188,
5.9016

 22.3607, -12.4269,
5.1947

 22.6801, -11.0320,
4.4965

■ 23.0546, -9.4402,
3.8143

■ 23.4845, -7.6613,
3.1547

■ 23.9696, -5.7081,
2.5234

■ 24.5093, -3.5954,
1.9252

Harmonies

Analogous

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



21.5559, -11.0594, 11.6895



21.5555, -16.1662, 7.9556



21.5559, -17.5468, -0.0730

Triad

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



21.5559, -16.1664, 7.9558



21.5559, 0.1364, -27.3001



21.5559, 17.8900, 9.2166

Complementary

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



21.5555, -16.1662, 7.9556



12.0394, 21.5295, 0.7093

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.



21.5559, 22.3411, 2.3495



21.5555, -16.1662, 7.9556



21.5559, 10.9497, -21.0758

Square

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



21.5559, -16.1664, 7.9558



21.5559, -9.2332, -23.4134



21.5559, 19.5904, -8.9382



21.5559, 8.3305, 12.1411

Rectangle

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



21.5555, -16.1662, 7.9556



21.5559, -16.4336, -7.8349



21.5559, 19.5904, -8.9382



21.5559, 20.1069, 7.4453

Sweetspot

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



21.5559, -16.1664, 7.9558



30.4679, -10.2437, 4.2003



21.9822, -15.0435, 13.2819



15.3436, -5.4005, 2.2023



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.



21.5559, -16.1664, 7.9558



28.0046, -21.1728, 10.7027



21.6018, -11.0048, -3.2440



12.9173, -1.7270, 0.9688



30.4439, -23.0670, 11.7427



75.0352, -57.7202, 30.8139

Inverse Universe

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



12.0394, 21.5295, 0.7093



15.6109, 27.8359, 1.5473



11.7942, 19.0780, 7.6014



12.3451, 0.4152, 0.4222



16.9620, 30.2212, 1.8651



41.6565, 73.8104, 7.7525

Previews

White Background



This preview shows how the HunterLab color 21.5555, -16.1662, 7.9556 looks on a white background.

Color Contrast Check

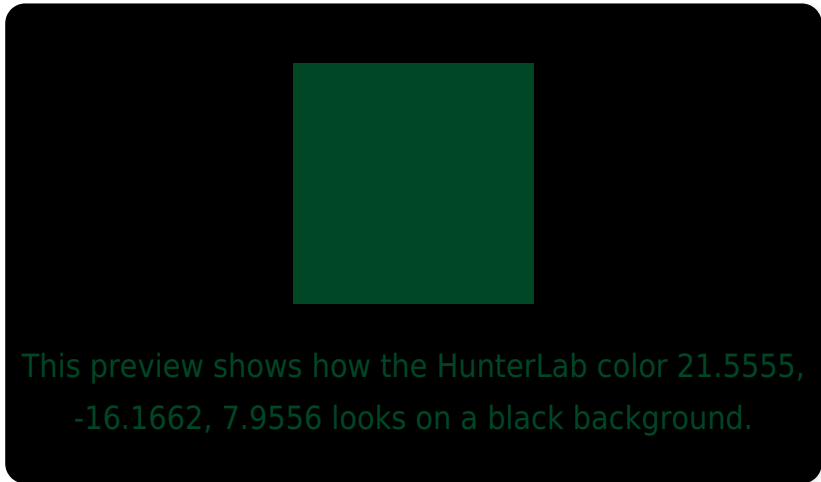
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5555, -16.1662, 7.9556 Background



This preview shows how black text looks on a background with the HunterLab color 21.5555, -16.1662, 7.9556.



This preview shows how white text looks on a background with the HunterLab color 21.5555,

-16.1662, 7.9556.

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

21.5555, -16.1662, 7.9556

Protanopia

21.5552, -2.3432, 9.0785

Deuteranopia

21.6898, 0.8198, 7.6451



Tritanopia

21.7448, -7.9946, -3.9278

Trichromacy



Original Color

21.5555, -16.1662, 7.9556

Protanomaly

21.0132, -9.6756, 8.2922

Deuteranomaly

20.7100, -7.9100, 6.8758

Tritanomaly

21.4001, -11.4770, 1.1418

Monochromacy



Original Color

21.5555, -16.1662, 7.9556

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.7989, -7.9925, 3.2144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5555, -16.1662, 7.9556 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, 38)` looks like.

```
.text, #text, p{  
    color:rgb(0, 71, 38)  
}
```

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, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 71, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5555, -16.1662, 7.9556 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, 38) }
```


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

```
.border{ border-color:rgb(0, 71, 38) }
```

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, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 71, 38); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 71, 38); box-shadow:4px  
4px 4px 4px rgb(0, 71, 38) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.5555, -16.1662, 7.9556 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, 38) }
```

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

```
.background{ background-color: rgb(0, 71,  
38) }
```

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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