

Converting Colors

HunterLab(21.5188, -4.0694,
1.0087)

Have a look what the booklet for
HunterLab(21.5188, -4.0694, 1.0087)
contains.

HunterLab(21.4988, -4.1131, 1.0000)	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(21.4988, -4.1131,
1.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	343F3D
RGB	52, 63, 61
RGB Percent	20%, 25%, 24%
CMY	0.7961, 0.7529, 0.7608
CMYK	0.17, 0.00, 0.03, 0.75
HSL	169°, 10%, 23%
HSV	169°, 17%, 25%
XYZ	4.0360, 4.6220, 5.0943
YIQ	59.4830, -5.9140, -2.9540

Conversions

Conversions Part 2

Format	Color
R_{YB}	52, 58, 63
Decimal	3424061
CIE Lab	25.63, -5.00, -0.29
CIE LCh	26, 5.009, 183.339
Yxy	4.6222, 0.2935, 0.3361
Android (android.graphics.Color)	4281614141 (0xFF343F3D)
YUV	59.4830, 0.7479, -6.5626
Hunter-Lab	21.4988, -4.1131, 1.0000

Details

The HunterLab color **21.4988, -4.1131, 1.0000** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.4401, 2.1927, 1.3726**, and the grayscale version is **21.0783, -1.1247, 1.1452**.

A 20% lighter version of the original color is **38.8642, -5.8389, 2.2019**, and **7.9279, -3.2166, 0.2213** is the 20% darker color. If you saturate the color by 10%, you get **21.1040, -5.6149, 0.9523**, and if you desaturate by 10%, it is **21.9389, -2.4833, 1.1017**.

Distribution



Red (20%)

Green (25%)

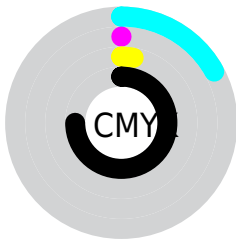
Blue (24%)



Red (20%)

Yellow (23%)

Blue (25%)

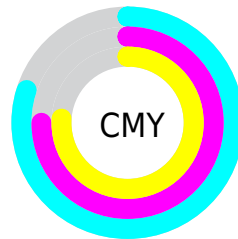


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (75%)



Cyan (80%)

Magenta (75%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4988, -4.1131, 1.0000 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 21.4988, -4.1131, 1.0000 by changing the saturation by 10% instead.

■ 21.4988, -4.1131,
1.0000

■ 21.4988, -4.1131,
1.0000

■ 120.8775,
-11.8309, 6.2783

■ 14.2384, -3.3222,
0.6267

■ 38.7259, -5.7092,
1.9015

■ 7.8948, -3.1816,
0.2765

■ 48.5239, -6.5272,
2.4188

0.0000, NaN, NaN

■ 59.0321, -7.3626,
2.9758

0.0000, NaN, NaN

■ 70.2053, -8.2167,
3.5699

0.0000, NaN, NaN

■ 82.0061, -9.0904,
4.1989

0.0000, NaN, NaN

■ 94.4027, -9.9839,

0.0000, NaN, NaN

4.8610

0.0000, NaN, NaN

107.3679,
-10.8974, 5.5546

■ 21.4988, -4.1131,
1.0000

■ 21.4988, -4.1131,
1.0000

■ 21.1040, -5.6149,
0.9523

■ 21.9389, -2.4833,
1.1017

■ 20.7536, -6.9776,
0.9583

■ 22.4222, -0.7354,
1.2551

■ 20.4480, -8.1935,
1.0181

■ 22.9482, 1.1190,
1.4586

■ 20.1868, -9.2565,
1.1307

■ 23.5155, 3.0681,
1.7098

■ 19.9691, -10.1634,
1.2940

■ 24.1227, 5.1007,
2.0061

■ 19.7931, -10.9144,
1.5049

■ 24.7684, 7.2061,
2.3445

■ 19.6545, -11.5219,
1.7566

■ 25.4508, 9.3742,
2.7223

■ 19.5241, -12.1001,
2.0128

■ 26.1683, 11.5960,
3.1363

■ 19.4910, -12.2476,
2.0770

■ 26.9193, 13.8632,
3.5839

Harmonies

Analogous

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



21.4992, -3.8106, 2.4337



21.4988, -4.1131, 1.0000



21.4992, -3.6411, -0.4887

Triad

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



21.4992, -4.1135, 1.0003



21.4992, 0.5564, -1.4015



21.4992, 0.2395, 3.6085

Complementary

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



21.4988, -4.1131, 1.0000



19.4401, 2.1927, 1.3726

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.



21.4992, 1.4636, 2.7068



21.4988, -4.1131, 1.0000



21.4992, 1.6502, -0.1748

Square

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



21.4992, -4.1135, 1.0003



21.4992, -0.9701, -1.9373



21.4992, 1.9868, 1.3388



21.4992, -1.3259, 3.8737

Rectangle

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



21.4988, -4.1131, 1.0000



21.4992, -2.9419, -1.2936



21.4992, 1.9868, 1.3388



21.4992, 0.7061, 3.3731

Sweetspot

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



21.4992, -4.1135, 1.0003



28.5760, -2.7233, 1.4671



21.4193, -4.8187, 4.1210



14.6509, -1.4247, 0.7503



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



21.4992, -4.1135, 1.0003



27.6352, -6.2195, 1.2604



20.6649, -2.4403, -0.8020



11.3737, -1.3707, 0.5663



29.3365, -18.6031, 3.4906



74.5114, -47.8111, 10.0777

Inverse Universe

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



19.4401, 2.1927, 1.3726



24.3055, 3.9921, 1.8693



20.2073, 0.4934, 2.9278



10.8549, 0.2154, 0.6587



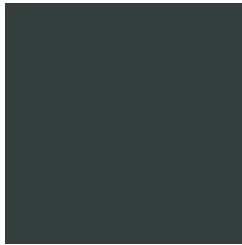
15.6180, 27.0086, 8.0581



39.5747, 68.1660, 22.5242

Previews

White Background



This preview shows how the HunterLab color 21.4988, -4.1131, 1.0000 looks on a white background.

Color Contrast Check

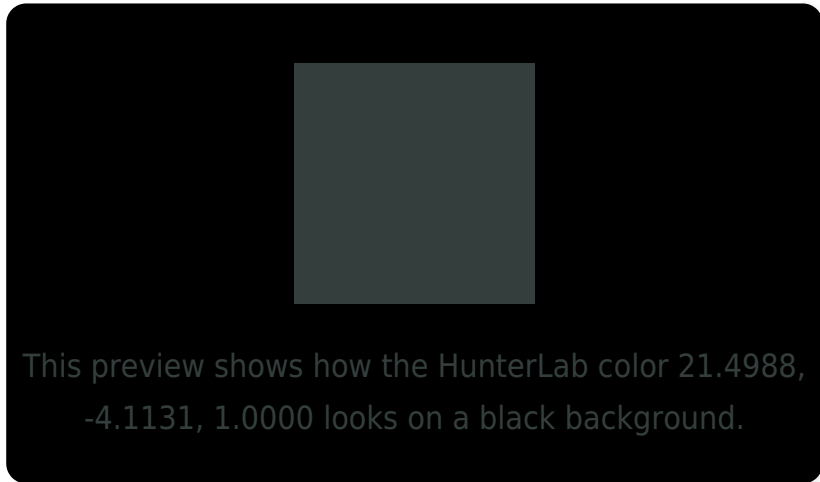
Large Text (above 18pt) WCAG AA ✓ Pass

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

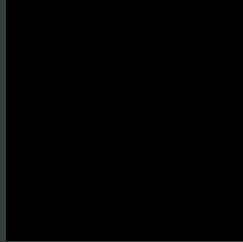
Any Text WCAG AA × Fail

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 21.4988, -4.1131, 1.0000 Background



This preview shows how black text looks on a background with the HunterLab color 21.4988, -4.1131, 1.0000.



This preview shows how white text looks on a background with the HunterLab color 21.4988, -4.1131, 1.0000.

1.0000.

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

21.4988, -4.1131, 1.0000

Protanopia

21.3813, -0.7522, 1.6882

Deuteranopia

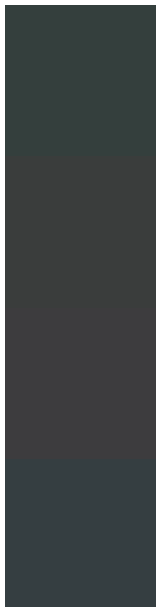
21.5267, 1.1370, 0.7322



Tritanopia

21.4648, -2.6037, -1.4868

Trichromacy



Original Color

21.4988, -4.1131, 1.0000

Protanomaly

21.3618, -2.0432, 1.2621

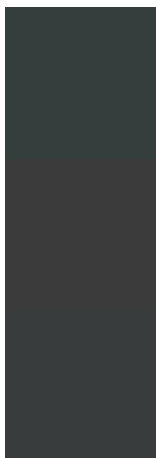
Deuteranomaly

21.3813, -0.6023, 0.5269

Tritanomaly

21.4098, -2.9093, -0.7076

Monochromacy



Original Color

21.4988, -4.1131, 1.0000

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9731, -2.1287, 0.8011

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4988, -4.1131, 1.0000 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(52, 63, 61)` looks like.

```
.text, #text, p{  
    color:rgb(52, 63, 61)  
}
```

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(52, 63, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 63, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4988, -4.1131, 1.0000 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(52, 63, 61) }
```


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

```
.border{ border-color:rgb(52, 63, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 63, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 63, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 63, 61);  
box-shadow:4px 4px 4px 4px rgb(52, 63, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4988, -4.1131, 1.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 63, 61) }
```

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

```
.background{ background-color: rgb(52, 63,  
61) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor