

Converting Colors

HunterLab(19.7475, -21.2849,
2.1080)

Have a look what the booklet for
HunterLab(19.7475, -21.2849,
2.1080) contains.

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Color

**HunterLab(21.5134,
-14.3334, 4.0519)**

Conversions

Conversions Part 1

Format	Color
Hex	004634
RGB	0, 70, 52
RGB Percent	0%, 27%, 20%
CMY	1.0000, 0.7255, 0.7961
CMYK	1.00, 0.00, 0.26, 0.73
HSL	165°, 100%, 14%
HSV	165°, 100%, 27%
XYZ	2.8100, 4.6283, 3.9941
YIQ	47.0180, -35.9420, -20.4380

Conversions

Conversions Part 2

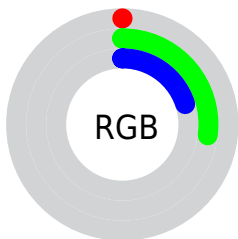
Format	Color
RYB	0, 40, 70
Decimal	17972
CIELab	25.65, -24.91, 5.35
CIELCh	26, 25.482, 167.869
Yxy	4.6284, 0.2458, 0.4048
Android (android.graphics.Color)	4278208052 (0xFF004634)
YUV	47.0180, 2.4561, -41.2348
Hunter-Lab	21.5134, -14.3334, 4.0519

Details

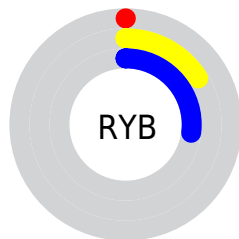
The HunterLab color **21.5134, -14.3334, 4.0519** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.6013, 20.2426, 4.5776**, and the grayscale version is **16.8673, -0.9000, 0.9164**.

A 20% lighter version of the original color is **38.7367, -18.9207, 5.8517**, and **9.1851, -7.3651, 4.4187** is the 20% darker color. If you saturate the color by 10%, you get **21.5138, -14.3338, 4.0523**, and if you desaturate by 10%, it is **21.6568, -13.6746, 3.6177**.

Distribution



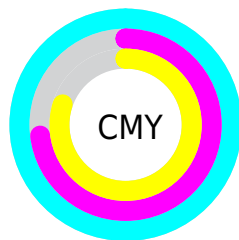
- Red (0%)
- Green (27%)
- Blue (20%)



- Red (0%)
- Yellow (16%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (26%)
- Black (73%)



- Cyan (100%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5134, -14.3334, 4.0519 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 21.5134, -14.3334, 4.0519 by changing the saturation by 10% instead.

■ 21.5134, -14.3334,
4.0519

■ 21.5134, -14.3334,
4.0519

■ 120.9034,
-32.3052, 11.9757

■ 14.2511, -11.7357,
3.2271

■ 38.7436, -18.8778,
5.7018

■ 7.9080, -13.8390,
3.2372

■ 48.5430, -20.9589,
6.5434

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0525, -22.9597,
7.4012

0.0000, NaN, NaN

■ 70.2269, -24.9007,
8.2772


0.0000, NaN, NaN


■ 82.0289, -26.7964,
9.1721


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.4266, -28.6574,


 107.3928,
-30.4916, 11.0212


 21.5134, -14.3334,
4.0519


 21.5134, -14.3334,
4.0519


 21.5138, -14.3338,
4.0523

 21.6568, -13.6746,
3.6177

 21.8071, -12.9884,
3.1764

 21.9986, -12.1416,
2.7681

 22.2380, -11.1125,
2.4035

 22.5273, -9.9003,
2.0878

■ 22.8680, -8.5083,
1.8250

■ 23.2607, -6.9435,
1.6179

■ 23.7054, -5.2156,
1.4685

■ 24.2017, -3.3366,
1.3775

Harmonies

Analogous

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



21.5138, -11.5050, 8.9157



21.5134, -14.3334, 4.0519



21.5138, -14.0335, -3.8778

Triad

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



21.5138, -14.3335, 4.0521



21.5138, 3.8309, -18.1887



21.5138, 10.3016, 9.5036

Complementary

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



21.5134, -14.3334, 4.0519



11.6013, 20.2426, 4.5776

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.



21.5138, 15.7322, 5.2319



21.5134, -14.3334, 4.0519



21.5138, 11.6336, -11.2956

Square

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



21.5138, -14.3335, 4.0521



21.5138, -4.3188, -18.8791



21.5138, 16.2529, -2.1734



21.5138, 2.2154, 11.1912

Rectangle

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



21.5134, -14.3334, 4.0519



21.5138, -12.0952, -10.0258



21.5138, 16.2529, -2.1734



21.5138, 12.5467, 8.4137

Sweetspot

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



21.5138, -14.3335, 4.0521



30.6102, -9.4261, 2.1637



21.2500, -16.5873, 12.8035



15.4194, -4.9639, 1.1172



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.



21.5138, -14.3335, 4.0521



28.3538, -19.0288, 5.6379



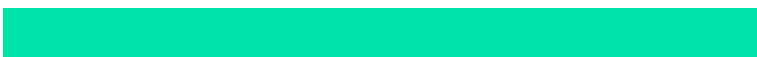
17.4637, -5.9349, -9.0157



12.9340, -1.6340, 0.7297



30.8252, -20.7260, 6.2126



76.0000, -51.7865, 16.7989

Inverse Universe

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



11.6013, 20.2426, 4.5776



15.2622, 26.5584, 6.5951



12.9721, 14.6745, 8.2499



12.3280, 0.3233, 0.6653



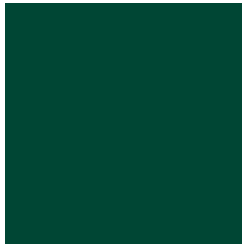
16.5854, 28.8413, 7.3197



40.7823, 70.5990, 20.4758

Previews

White Background



This preview shows how the HunterLab color 21.5134, -14.3334, 4.0519 looks on a white background.

Color Contrast Check

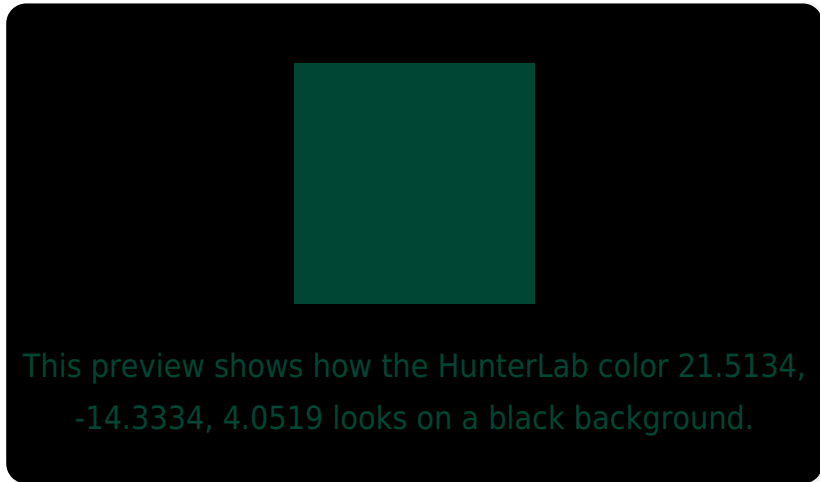
Large Text (above 18pt) WCAG AA ✓ Pass

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

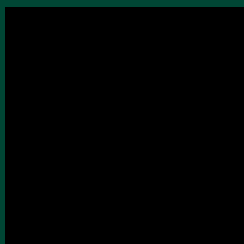
Any Text WCAG AA × Fail

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 21.5134, -14.3334, 4.0519 Background



This preview shows how black text looks on a background with the HunterLab color 21.5134, -14.3334, 4.0519.



This preview shows how white text looks on a background with the HunterLab color 21.5134,

-14.3334, 4.0519.

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

21.5134, -14.3334, 4.0519

Protanopia

21.6211, -1.6580, 5.6257

Deuteranopia

21.6711, 1.2465, 3.8271



Tritanopia

21.6275, -8.4406, -4.1010

Trichromacy



Original Color

21.5134, -14.3334, 4.0519

Protanomaly

20.8805, -8.3114, 4.4702

Deuteranomaly

20.9044, -6.6771, 3.2114

Tritanomaly

21.4883, -10.8708, -0.7481

Monochromacy



Original Color

21.5134, -14.3334, 4.0519

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.9726, -7.0598, 1.3653

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5134, -14.3334, 4.0519 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, 70, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 52)  
}
```

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, 70, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5134, -14.3334, 4.0519 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, 70, 52) }
```


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

```
.border{ border-color:rgb(0, 70, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 70, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 70, 52); box-shadow:4px  
4px 4px 4px rgb(0, 70, 52) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.5134, -14.3334, 4.0519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 52) }
```

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

```
.background{ background-color: rgb(0, 70,  
52) }
```

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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