

Converting Colors

HunterLab(21.0597, -14.7111,
3.5654)

Have a look what the booklet for
HunterLab(21.0597, -14.7111,
3.5654) contains.

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Color

**HunterLab(21.2230,
-14.0282, 3.7559)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 004534 |
| RGB | 0, 69, 52 |
| RGB Percent | 0%, 27%, 20% |
| CMY | 1.0000, 0.7294, 0.7961 |
| CMYK | 1.00, 0.00, 0.25, 0.73 |
| HSL | 165°, 100%, 14% |
| HSV | 165°, 100%, 27% |
| XYZ | 2.7479, 4.5042, 3.9733 |
| YIQ | 46.4310, -35.6670, -19.9150 |

Conversions

Conversions Part 2

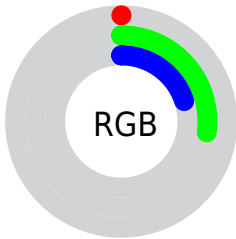
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 39, 69 |
| Decimal | 17716 |
| CIELab | 25.27, -24.44, 4.82 |
| CIELCh | 25, 24.911, 168.839 |
| Yxy | 4.5043, 0.2448, 0.4012 |
| Android (android.graphics.Color) | 4278207796 (0xFF004534) |
| YUV | 46.4310, 2.7455, -40.7200 |
| Hunter-Lab | 21.2230, -14.0282, 3.7559 |

Details

The HunterLab color **21.2230, -14.0282, 3.7559** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.4271, 19.9223, 4.6379**, and the grayscale version is **16.6717, -0.8896, 0.9058**.

A 20% lighter version of the original color is **38.4298, -18.5434, 5.5280**, and **8.9276, -7.1296, 4.2321** is the 20% darker color. If you saturate the color by 10%, you get **21.2234, -14.0285, 3.7562**, and if you desaturate by 10%, it is **21.3646, -13.3807, 3.3472**.

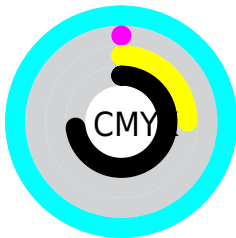
Distribution



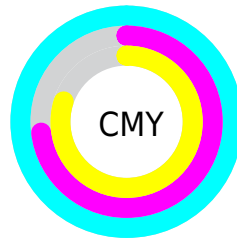
- Red (0%)
- Green (27%)
- Blue (20%)



- Red (0%)
- Yellow (15%)
- Blue (27%)



- Cyan (100%)
- Magenta (0%)
- Yellow (25%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2230, -14.0282, 3.7559 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 21.2230, -14.0282, 3.7559 by changing the saturation by 10% instead.

21.2230, -14.0282,
3.7559

21.2230, -14.0282,
3.7559

120.3863,
-31.7695, 11.4153

13.9982, -11.4649,
2.9761

38.3901, -18.5105,
5.3309

7.6405, -13.3709,
3.0320

48.1618, -20.5635,
6.1400

0.0000, NaN, NaN

58.6454, -22.5379,
6.9678

0.0000, NaN, NaN

69.7956, -24.4539,
7.8156

0.0000, NaN, NaN

81.5746, -26.3259,
8.6840

0.0000, NaN, NaN


93.9505, -28.1643,


0.0000, NaN, NaN


0.0000, NaN, NaN


9.5734


0.0000, NaN, NaN


 106.8957,
-29.9768, 10.4838


 21.2230, -14.0282,
3.7559


 21.2230, -14.0282,
3.7559


 21.2234, -14.0285,
3.7562

 21.3646, -13.3807,
3.3472

 21.5125, -12.7088,
2.9324

 21.7002, -11.8815,
2.5513

 21.9349, -10.8761,
2.2147

 22.2185, -9.6915,
1.9274

■ 22.5525, -8.3310,
1.6933

■ 22.9373, -6.8013,
1.5149

■ 23.3731, -5.1118,
1.3940

■ 23.8594, -3.2741,
1.3309

Harmonies

Analogous

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



21.2234, -11.3631, 8.6114



21.2230, -14.0282, 3.7559



21.2234, -13.6361, -4.0361

Triad

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



21.2234, -14.0283, 3.7561



21.2234, 3.9749, -17.4735



21.2234, 9.7680, 9.3840

Complementary

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



21.2230, -14.0282, 3.7559



11.4271, 19.9223, 4.6379

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.



21.2234, 15.1635, 5.2961



21.2230, -14.0282, 3.7559



21.2234, 11.4971, -10.6652

Square

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



21.2234, -14.0283, 3.7561



21.2234, -3.9829, -18.3654



21.2234, 15.8387, -1.8231



21.2234, 1.8745, 10.9788

Rectangle

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



21.2230, -14.0282, 3.7559



21.2234, -11.6773, -9.9947



21.2234, 15.8387, -1.8231



21.2234, 11.9803, 8.3430

Sweetspot

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



21.2234, -14.0283, 3.7561



29.7408, -9.0870, 1.9923



20.9234, -16.4493, 12.6047



15.4235, -4.9403, 1.0586



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.



21.2234, -14.0283, 3.7561



27.5587, -18.3415, 5.1480



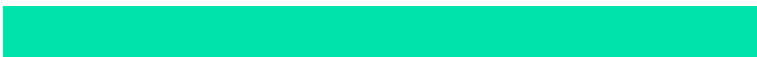
16.9220, -5.4454, -9.3954



12.9349, -1.6291, 0.7172



30.8488, -20.5824, 5.8733



76.0607, -51.4159, 15.9228

Inverse Universe

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



11.4271, 19.9223, 4.6379



14.8126, 25.7578, 6.5421



12.9384, 14.0380, 8.2180



12.3272, 0.3186, 0.6777



16.5715, 28.7898, 7.5243



40.7523, 70.4882, 20.9173

Previews

White Background



This preview shows how the HunterLab color 21.2230, -14.0282, 3.7559 looks on a white background.

Color Contrast Check

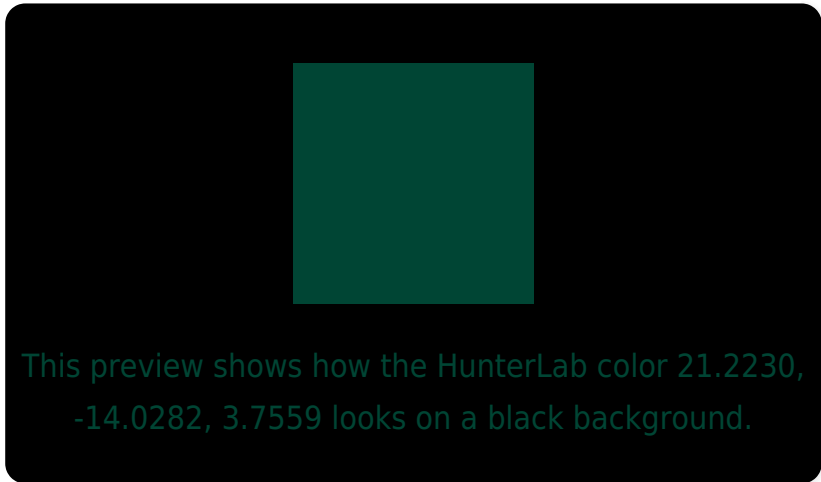
Large Text (above 18pt) WCAG AA ✓ Pass

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

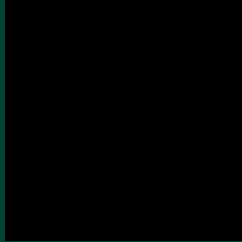
Any Text WCAG AA × Fail

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 21.2230, -14.0282, 3.7559 Background



This preview shows how black text looks on a background with the HunterLab color 21.2230, -14.0282, 3.7559.



This preview shows how white text looks on a background with the HunterLab color 21.2230,

-14.0282, 3.7559.

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

21.2230, -14.0282, 3.7559

Protanopia

21.2958, -1.5295, 5.3103

Deuteranopia

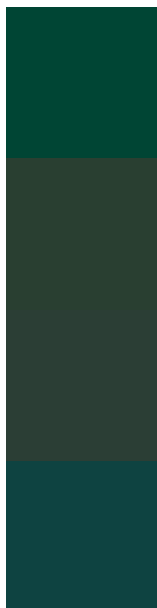
21.2636, 1.0918, 3.3903



Tritanopia

21.2953, -8.3584, -4.0938

Trichromacy



Original Color

21.2230, -14.0282, 3.7559

Protanomaly

20.6111, -7.9550, 4.2026

Deuteranomaly

20.5326, -6.7090, 2.8087

Tritanomaly

21.1880, -10.6057, -1.1240

Monochromacy



Original Color

21.2230, -14.0282, 3.7559

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

17.6435, -7.0065, 1.3524

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2230, -14.0282, 3.7559 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, 69, 52)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 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, 69, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2230, -14.0282, 3.7559 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, 69, 52) }
```


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

```
.border{ border-color:rgb(0, 69, 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, 69, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 52); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 69, 52); box-shadow:4px  
4px 4px 4px rgb(0, 69, 52) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2230, -14.0282, 3.7559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 52) }
```

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

```
.background{ background-color: rgb(0, 69,  
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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