

Converting Colors

HunterLab(21.0157, 3.4671,
7.1432)

Have a look what the booklet for
HunterLab(21.0157, 3.4671, 7.1432)
contains.

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Color

**HunterLab(21.0451, 3.4333,
7.1179)**

Conversions

Conversions Part 1

Format	Color
Hex	4C3729
RGB	76, 55, 41
RGB Percent	30%, 22%, 16%
CMY	0.7020, 0.7843, 0.8392
CMYK	0.00, 0.28, 0.46, 0.70
HSL	24°, 30%, 23%
HSV	24°, 46%, 30%
XYZ	4.7469, 4.4290, 2.7025
YIQ	59.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

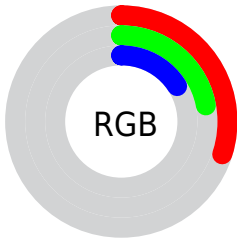
Format	Color
RYB	76, 64, 41
Decimal	4994857
CIELab	25.04, 7.23, 12.42
CIElCh	25, 14.371, 59.814
Yxy	4.4292, 0.3996, 0.3729
Android (android.graphics.Color)	4283184937 (0xFF4C3729)
YUV	59.6830, -9.2107, 14.3100
Hunter-Lab	21.0451, 3.4333, 7.1179

Details

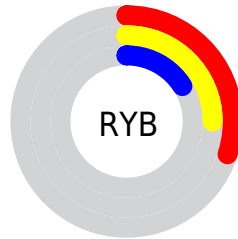
The HunterLab color **21.0451, 3.4333, 7.1179** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **21.0672, -3.4718, -6.3221**, and the grayscale version is **21.1748, -1.1298, 1.1505**.

A 20% lighter version of the original color is **38.2234, 3.3226, 9.9548**, and **7.5500, 3.9789, 4.7219** is the 20% darker color. If you saturate the color by 10%, you get **19.9193, 4.7518, 7.9866**, and if you desaturate by 10%, it is **22.2281, 2.2121, 6.1024**.

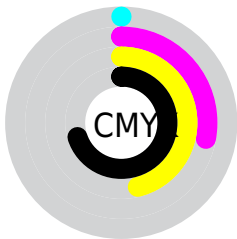
Distribution



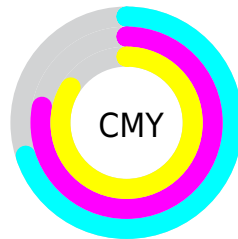
- Red (30%)
- Green (22%)
- Blue (16%)



- Red (30%)
- Yellow (25%)
- Blue (16%)



- Cyan (0%)
- Magenta (28%)
- Yellow (46%)
- Black (70%)



- Cyan (70%)
- Magenta (78%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.0451, 3.4333, 7.1179 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 21.0451, 3.4333, 7.1179 by changing the saturation by 10% instead.

■ 21.0451, 3.4333,
7.1179

■ 21.0451, 3.4333,
7.1179

■ 120.0689, 1.5055,
18.6309

■ 13.8435, 3.2749,
5.6443

■ 38.1733, 3.4449,
9.8146

■ 7.4714, 3.8153,
5.2300

■ 47.9280, 3.3334,
11.1002

0.0000, NaN, NaN

■ 58.3957, 3.1573,
12.3658

0.0000, NaN, NaN

■ 69.5310, 2.9235,
13.6205

0.0000, NaN, NaN

■ 81.2958, 2.6375,
14.8705

0.0000, NaN, NaN

■ 93.6582, 2.3036,

0.0000, NaN, NaN

16.1202

0.0000, NaN, NaN

106.5906, 1.9253,
17.3729

21.0451, 3.4333,
7.1179

21.0451, 3.4333,
7.1179

19.9193, 4.7518,
7.9866

22.2281, 2.2121,
6.1024

18.8548, 6.1706,
8.6898

23.4616, 1.0873,
4.9560

17.8582, 7.6849,
9.2101

24.7416, 0.0528,
3.6943

16.9359, 9.2840,
9.5319

26.0640, -0.8975,
2.3305

16.0846, 10.9039,
9.7845

27.4252, -1.7701,
0.8764

■ 15.7659, 11.5274,
9.9167

■ 28.8220, -2.5714,
-0.6580

■ 30.2515, -3.3078,
-2.2643

■ 31.7114, -3.9849,
-3.9349

■ 33.1994, -4.6083,
-5.6637

Harmonies

Analogous

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



21.0456, 6.9706, 4.8595



21.0451, 3.4333, 7.1179



21.0456, -1.0958, 7.8559

Triad

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



21.0456, 3.4324, 7.1182



21.0456, -9.1380, 1.1725



21.0456, 3.3794, -7.3764

Complementary

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



21.0451, 3.4333, 7.1179



21.0672, -3.4718, -6.3221

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.



21.0456, -1.1523, -8.9270



21.0451, 3.4333, 7.1179



21.0456, -8.1544, -3.3995

Square

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



21.0456, 3.4324, 7.1182



21.0456, -8.1300, 4.8971



21.0456, -5.3231, -7.3392



21.0456, 6.9382, -3.4560

Rectangle

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



21.0451, 3.4333, 7.1179



21.0456, -3.9932, 7.5400



21.0456, -5.3231, -7.3392



21.0456, 1.9075, -8.2248

Sweetspot

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



21.0456, 3.4324, 7.1182



32.9259, -0.1277, 4.6122



18.6285, 11.8893, -2.8183



16.7679, 0.0184, 2.4773



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



21.0456, 3.4324, 7.1182



26.1469, 6.4631, 10.6517



25.2908, -3.8132, 10.5992



13.3934, -0.3421, 1.4044



20.9696, 16.6389, 13.2127



49.3582, 44.8407, 31.1993

Inverse Universe

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



21.0672, -3.4718, -6.3221



26.1713, -4.6121, -10.9528



16.8288, 3.8380, -13.6522



13.3965, -1.0515, 0.0269



20.7787, -1.3359, -23.0879



48.7569, -0.1824, -60.5482

Previews

White Background



This preview shows how the HunterLab color 21.0451, 3.4333, 7.1179 looks on a white background.

Color Contrast Check

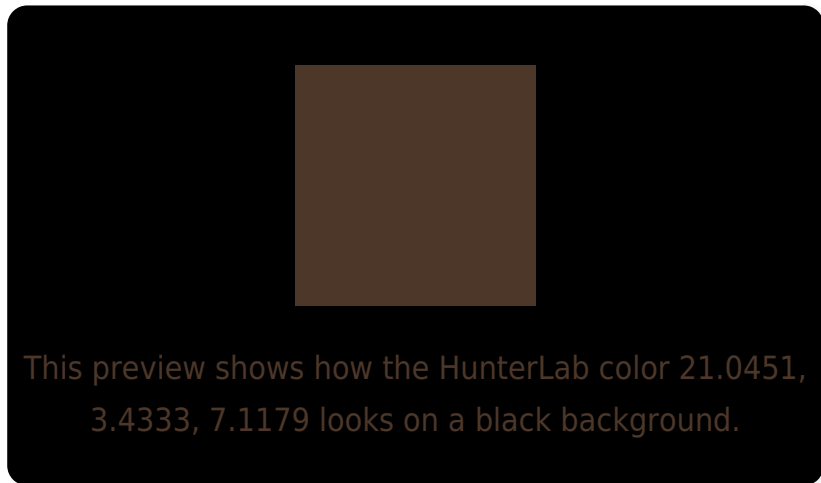
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0451, 3.4333, 7.1179 Background



This preview shows how black text looks on a background with the HunterLab color 21.0451, 3.4333, 7.1179.

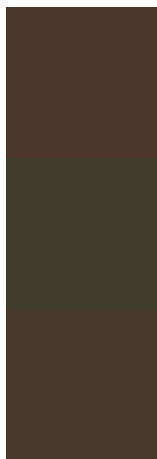


This preview shows how white text looks on a background with the HunterLab color 21.0451, 3.4333,

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

21.0451, 3.4333, 7.1179

Protanopia

21.2041, -2.0347, 6.6396

Deuteranopia

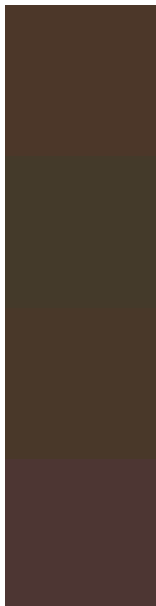
21.0379, 1.0414, 7.0695



Tritanopia

21.0224, 6.2786, 2.1466

Trichromacy



Original Color

21.0451, 3.4333, 7.1179

Protanomaly

21.0291, -0.1752, 6.7790

Deuteranomaly

20.9879, 2.0712, 7.0426

Tritanomaly

21.1072, 5.1544, 4.2987

Monochromacy



Original Color

21.0451, 3.4333, 7.1179

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.0746, 0.4075, 3.5175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.0451, 3.4333, 7.1179 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(76, 55, 41)` looks like.

```
.text, #text, p{  
    color:rgb(76, 55, 41)  
}
```

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(76, 55, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 55, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 21.0451, 3.4333, 7.1179 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(76, 55, 41) }
```


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

```
.border{ border-color:rgb(76, 55, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 55, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 55, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 55, 41);  
box-shadow:4px 4px 4px 4px rgb(76, 55, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.0451, 3.4333, 7.1179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 55, 41) }
```

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

```
.background{ background-color: rgb(76, 55,  
41) }
```

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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