

Converting Colors

HunterLab(21.1909, -10.1314,
7.0603)

Have a look what the booklet for
HunterLab(21.1909, -10.1314,
7.0603) contains.

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Color

**HunterLab(21.2312,
-10.0530, 7.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	284229
RGB	40, 66, 41
RGB Percent	16%, 26%, 16%
CMY	0.8431, 0.7412, 0.8392
CMYK	0.39, 0.00, 0.38, 0.74
HSL	122°, 25%, 21%
HSV	122°, 39%, 26%
XYZ	3.2235, 4.5076, 2.7980
YIQ	55.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

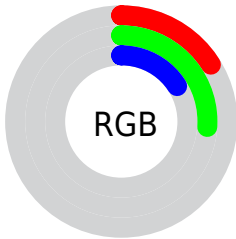
Format	Color
RYB	40, 65, 66
Decimal	2638377
CIELab	25.28, -16.10, 12.16
CIELCh	25, 20.176, 142.939
Yxy	4.5078, 0.3062, 0.4281
Android (android.graphics.Color)	4280828457 (0xFF284229)
YUV	55.3760, -7.0874, -13.4848
Hunter-Lab	21.2312, -10.0530, 7.0482

Details

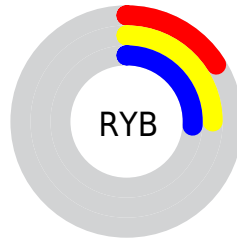
The HunterLab color **21.2312, -10.0530, 7.0482** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.4859, 9.8224, -6.0109**, and the grayscale version is **19.6993, -1.0511, 1.0703**.

A 20% lighter version of the original color is **38.3209, -13.3323, 9.7581**, and **8.0825, -6.9307, 4.8591** is the 20% darker color. If you saturate the color by 10%, you get **20.8468, -11.7650, 8.1934**, and if you desaturate by 10%, it is **21.6784, -8.1106, 5.7601**.

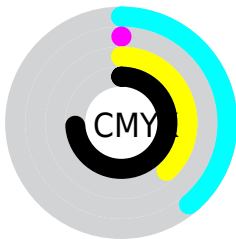
Distribution



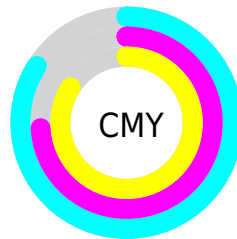
- Red (16%)
- Green (26%)
- Blue (16%)



- Red (16%)
- Yellow (25%)
- Blue (26%)



- Cyan (39%)
- Magenta (0%)
- Yellow (38%)
- Black (74%)



- Cyan (84%)
- Magenta (74%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2312, -10.0530, 7.0482 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 21.2312, -10.0530, 7.0482 by changing the saturation by 10% instead.

■ 21.2312, -10.0530,
7.0482

■ 21.2312, -10.0530,
7.0482

120.4010,
-23.3749, 18.4191

■ 14.0053, -8.2834,
5.6022

■ 38.4001, -13.2522,
9.7014

■ 7.6483, -9.5814,
5.3538

■ 48.1726, -14.7592,
10.9693

0.0000, NaN, NaN

■ 58.6570, -16.2314,
12.2188

0.0000, NaN, NaN

■ 69.8078, -17.6804,
13.4587

0.0000, NaN, NaN

■ 81.5875, -19.1142,
14.6950

0.0000, NaN, NaN

■ 93.9640, -20.5385,

0.0000, NaN, NaN

106.9098,
-21.9577, 17.1726

21.2312, -10.0530,
7.0482

21.2312, -10.0530,
7.0482

20.8468, -11.7650,
8.1934

21.6784, -8.1106,
5.7601

20.5237, -13.2311,
9.1851

22.1865, -5.9548,
4.3410

20.2613, -14.4428,
10.0165

22.7546, -3.6068,
2.8050

20.0576, -15.3981,
10.6848

23.3811, -1.0886,
1.1664

19.9050, -16.1210,
11.1902

24.0637, 1.5778,
-0.5605

■ 19.7626, -16.7971,
11.6317

■ 24.8000, 4.3711,
-2.3619

■ 19.7539, -16.8384,
11.6586

■ 25.5876, 7.2715,
-4.2253

■ 26.4237, 10.2611,
-6.1395

■ 27.3056, 13.3241,
-8.0943

Harmonies

Analogous

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



21.2316, -5.7014, 9.3313



21.2312, -10.0530, 7.0482



21.2316, -11.9766, 2.5391

Triad

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



21.2316, -10.0534, 7.0484



21.2316, -2.6193, -13.9702



21.2316, 11.3687, 5.2150

Complementary

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



21.2312, -10.0530, 7.0482



17.4859, 9.8224, -6.0109

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.



21.2316, 12.4450, -0.3276



21.2312, -10.0530, 7.0482



21.2316, 3.8555, -12.6237

Square

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



21.2316, -10.0534, 7.0484



21.2316, -8.0251, -10.4076



21.2316, 9.5546, -7.1369



21.2316, 6.7662, 8.5114

Rectangle

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



21.2312, -10.0530, 7.0482



21.2316, -11.8044, -1.6232



21.2316, 9.5546, -7.1369



21.2316, 12.1755, 3.6033

Sweetspot

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



21.2316, -10.0534, 7.0484



29.7458, -5.7472, 4.3456



22.7557, -4.3651, 8.7150



15.1284, -2.9734, 2.2433



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.2316, -10.0534, 7.0484



27.4901, -15.4331, 10.7498



21.4775, -8.6122, 3.4940



12.0961, -1.7996, 1.4137



29.2217, -24.9578, 17.3521



73.1748, -62.6551, 43.7922

Inverse Universe

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



17.4859, 9.8224, -6.0109



21.4941, 16.5525, -10.2485



17.1028, 7.9407, -0.6400



11.6446, 0.5760, -0.1491



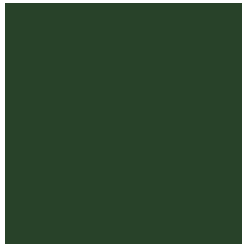
18.2462, 35.5952, -21.9141



45.6695, 89.0396, -54.4351

Previews

White Background



This preview shows how the HunterLab color 21.2312, -10.0530, 7.0482 looks on a white background.

Color Contrast Check

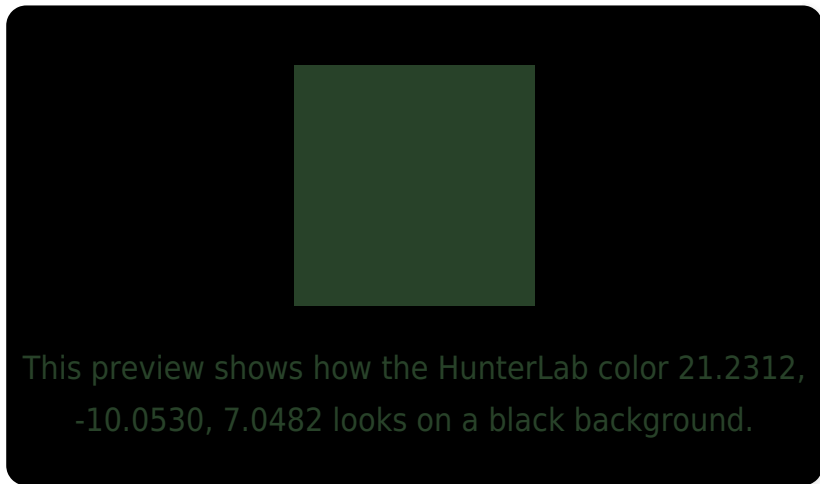
Large Text (above 18pt) WCAG AA ✓ Pass

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

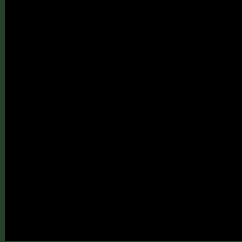
Any Text WCAG AA × Fail

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 21.2312, -10.0530, 7.0482 Background



This preview shows how black text looks on a background with the HunterLab color 21.2312, -10.0530, 7.0482.



This preview shows how white text looks on a background with the HunterLab color 21.2312, -10.0530, 7.0482.

-10.0530, 7.0482.

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

21.2312, -10.0530, 7.0482

Protanopia

21.2180, -2.1175, 7.6737

Deuteranopia

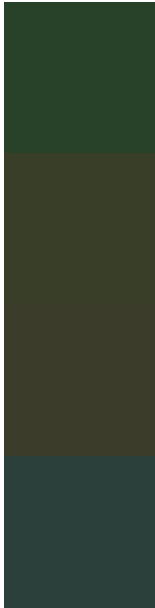
21.0719, 1.2241, 6.5752



Tritanopia

21.2844, -4.5148, -2.1977

Trichromacy



Original Color

21.2312, -10.0530, 7.0482

Protanomaly

21.0694, -5.2157, 7.2424

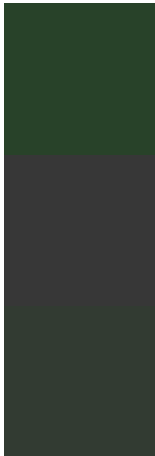
Deuteranomaly

20.8795, -3.2213, 6.5893

Tritanomaly

21.1799, -6.7805, 1.7265

Monochromacy



Original Color

21.2312, -10.0530, 7.0482

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

20.0906, -4.4611, 3.3963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2312, -10.0530, 7.0482 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(40, 66, 41)` looks like.

```
.text, #text, p{  
    color:rgb(40, 66, 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(40, 66, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 66, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2312, -10.0530, 7.0482 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(40, 66, 41) }
```


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

```
.border{ border-color:rgb(40, 66, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 66, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 66, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 66, 41);  
box-shadow:4px 4px 4px 4px rgb(40, 66, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.2312, -10.0530, 7.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 66, 41) }
```

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

```
.background{ background-color: rgb(40, 66,  
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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