

Converting Colors

HunterLab(21.4861, -10.4239,
7.4765)

Have a look what the booklet for
HunterLab(21.4861, -10.4239,
7.4765) contains.

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Color

**HunterLab(21.4910,
-10.4889, 7.5207)**

Conversions

Conversions Part 1

Format	Color
Hex	284328
RGB	40, 67, 40
RGB Percent	16%, 26%, 16%
CMY	0.8431, 0.7372, 0.8431
CMYK	0.40, 0.00, 0.40, 0.74
HSL	120°, 25%, 21%
HSV	120°, 40%, 26%
XYZ	3.2652, 4.6186, 2.7269
YIQ	55.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

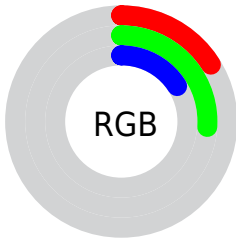
Format	Color
R_{YB}	40, 67, 67
Decimal	2638632
CIE _{Lab}	25.62, -16.85, 13.24
CIE _{LCh}	26, 21.434, 141.841
Yxy	4.6188, 0.3077, 0.4353
Android (android.graphics.Color)	4280828712 (0xFF284328)
YUV	55.8490, -7.8136, -13.8996
Hunter-Lab	21.4910, -10.4889, 7.5207

Details

The HunterLab color $[21.4910, -10.4889, 7.5207]$ is a dark color, and the websafe version is hex 003300 . A complement of this color would be $[17.6528, 10.4322, -6.7755]$, and the grayscale version is $[19.8628, -1.0598, 1.0792]$.

A 20% lighter version of the original color is $[38.6569, -13.6202, 10.4002]$, and $[8.3382, -7.1500, 5.0128]$ is the 20% darker color. If you saturate the color by 10%, you get $[21.1052, -12.2138, 8.6867]$, and if you desaturate by 10%, it is $[21.9421, -8.5200, 6.1898]$.

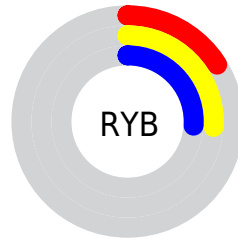
Distribution



Red (16%)

Green (26%)

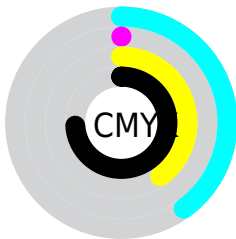
Blue (16%)



Red (16%)

Yellow (26%)

Blue (26%)

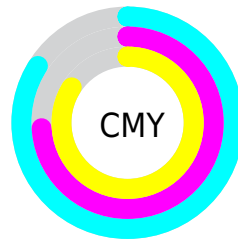


Cyan (40%)

Magenta (0%)

Yellow (40%)

Black (74%)



Cyan (84%)

Magenta (74%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4910, -10.4889, 7.5207 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 21.4910, -10.4889, 7.5207 by changing the saturation by 10% instead.

■ 21.4910, -10.4889,
7.5207

■ 21.4910, -10.4889,
7.5207

■ 120.8637,
-24.1931, 19.4574

■ 14.2317, -8.6555,
5.9754

■ 38.7164, -13.7955,
10.3374

■ 7.8878, -9.7320,
5.5214

■ 48.5137, -15.3494,
11.6752

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0212, -16.8652,
12.9891

0.0000, NaN, NaN

■ 70.1937, -18.3550,
14.2890

0.0000, NaN, NaN

■ 81.9939, -19.8274,
15.5816

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.3900, -21.2883,

107.3545,
-22.7424, 18.1627

21.4910, -10.4889,
7.5207

21.4910, -10.4889,
7.5207

21.1052, -12.2138,
8.6867

21.9421, -8.5200,
6.1898

20.7831, -13.6794,
9.6775

22.4567, -6.3246,
4.7062

20.5240, -14.8777,
10.4878

23.0339, -3.9249,
3.0848

20.3253, -15.8082,
11.1169

23.6720, -1.3440,
1.3412

20.1759, -16.5145,
11.5946

24.3687, 1.3947,
-0.5087

■ 20.0362, -17.1810,
12.0453

■ 25.1215, 4.2687,
-2.4495

■ 25.9278, 7.2569,
-4.4669

■ 26.7846, 10.3402,
-6.5481

■ 27.6893, 13.5015,
-8.6816

Harmonies

Analogous

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



21.4915, -5.7973, 9.8062



21.4910, -10.4889, 7.5207



21.4915, -12.6154, 2.8605

Triad

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



21.4915, -10.4893, 7.5209



21.4915, -2.9714, -15.1346



21.4915, 12.3787, 5.3003

Complementary

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



21.4910, -10.4889, 7.5207



17.6528, 10.4322, -6.7755

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.



21.4915, 13.3799, -0.6704



21.4910, -10.4889, 7.5207



21.4915, 3.9338, -13.8658

Square

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



21.4915, -10.4893, 7.5209



21.4915, -8.6414, -11.0819



21.4915, 10.1245, -8.0165



21.4915, 7.5378, 8.8294

Rectangle

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



21.4910, -10.4889, 7.5207



21.4915, -12.5018, -1.5409



21.4915, 10.1245, -8.0165



21.4915, 13.1977, 3.5679

Sweetspot

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



21.4915, -10.4893, 7.5209



29.7363, -5.8002, 4.4810



23.1539, -4.2465, 9.0524



15.1235, -3.0009, 2.3136



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.



21.4915, -10.4893, 7.5209



27.4187, -15.7890, 11.2318



21.7423, -9.0150, 3.8893



12.0934, -1.8145, 1.4522



29.2077, -25.0456, 17.5591



73.1619, -62.7362, 43.9836

Inverse Universe

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



17.6528, 10.4322, -6.7755



21.3968, 17.2161, -11.3211



17.2413, 8.4222, -1.0199



11.6477, 0.5925, -0.1927



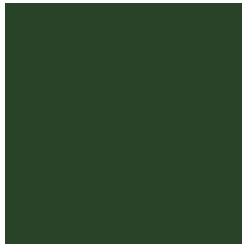
18.4311, 36.2360, -24.3081



46.1676, 90.7667, -60.8884

Previews

White Background



This preview shows how the HunterLab color 21.4910, -10.4889, 7.5207 looks on a white background.

Color Contrast Check

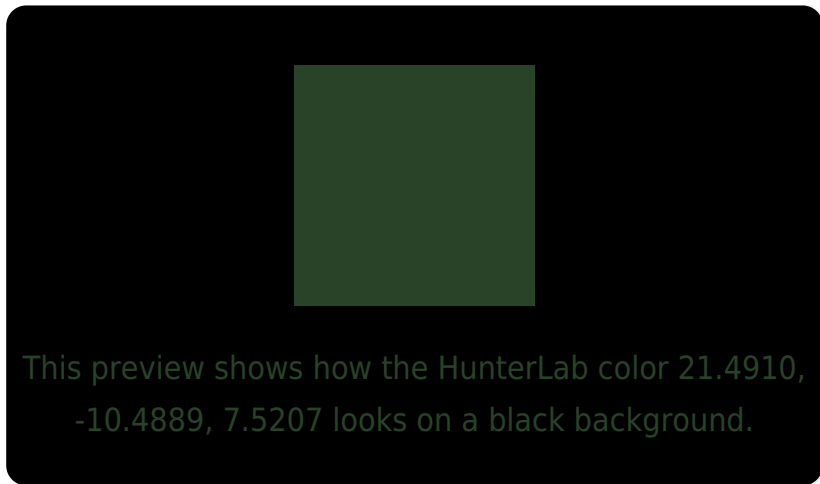
Large Text (above 18pt) WCAG AA ✓ Pass

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

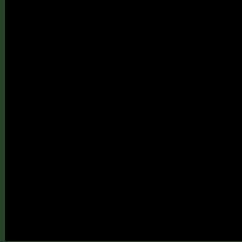
Any Text WCAG AA × Fail

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 21.4910, -10.4889, 7.5207 Background



This preview shows how black text looks on a background with the HunterLab color 21.4910, -10.4889, 7.5207.



This preview shows how white text looks on a background with the HunterLab color 21.4910, -10.4889, 7.5207.

-10.4889, 7.5207.

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

21.4910, -10.4889, 7.5207

Protanopia

21.5158, -2.3984, 8.3929

Deuteranopia

21.3799, 1.0193, 7.1174



Tritanopia

21.6271, -4.5502, -2.1882

Trichromacy



Original Color

21.4910, -10.4889, 7.5207

Protanomaly

21.3654, -5.5191, 7.9800

Deuteranomaly

21.1145, -3.7059, 7.0551

Tritanomaly

21.4978, -6.9598, 2.0849

Monochromacy



Original Color

21.4910, -10.4889, 7.5207

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.3473, -4.8422, 3.6601

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4910, -10.4889, 7.5207 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, 67, 40)` looks like.

```
.text, #text, p{  
    color:rgb(40, 67, 40)  
}
```

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, 67, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 67, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4910, -10.4889, 7.5207 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, 67, 40) }
```


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

```
.border{ border-color:rgb(40, 67, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 67, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 67, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 67, 40);  
box-shadow:4px 4px 4px 4px rgb(40, 67, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.4910, -10.4889, 7.5207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 67, 40) }
```

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

```
.background{ background-color: rgb(40, 67,  
40) }
```

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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