

Converting Colors

HunterLab(21.8139, 2.7945,
12.7774)

Have a look what the booklet for
HunterLab(21.8139, 2.7945,
12.7774) contains.

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Color

**HunterLab(21.7711, 2.8305,
12.7610)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 523909 |
| RGB | 82, 57, 9 |
| RGB Percent | 32%, 22%, 4% |
| CMY | 0.6784, 0.7765, 0.9647 |
| CMYK | 0.00, 0.30, 0.89, 0.68 |
| HSL | 39°, 80%, 18% |
| HSV | 39°, 89%, 32% |
| XYZ | 4.9921, 4.7398, 0.9102 |
| YIQ | 59.0030, 30.3080, -9.6280 |

Conversions

Conversions Part 2

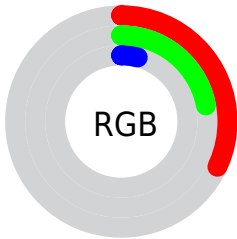
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 47, 82, 9 |
| Decimal | 5388553 |
| CIE Lab | 25.98, 6.30, 31.77 |
| CIE LCh | 26, 32.393, 78.790 |
| Yxy | 4.7400, 0.4691, 0.4454 |
| Android (android.graphics.Color) | 4283578633 (0xFF523909) |
| YUV | 59.0030, -24.6515, 20.1684 |
| Hunter-Lab | 21.7711, 2.8305, 12.7610 |

Details

The HunterLab color **21.7711, 2.8305, 12.7610** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **13.4583, 5.7284, -26.7738**, and the grayscale version is **20.9891, -1.1199, 1.1404**.

A 20% lighter version of the original color is **39.1502, 2.7573, 18.6986**, and **8.1546, 3.1976, 5.0808** is the 20% darker color. If you saturate the color by 10%, you get **21.0999, 3.7858, 13.0033**, and if you desaturate by 10%, it is **22.4651, 1.9108, 12.4548**.

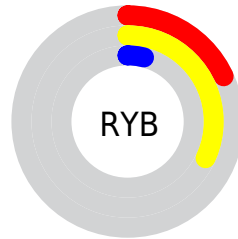
Distribution



Red (32%)

Green (22%)

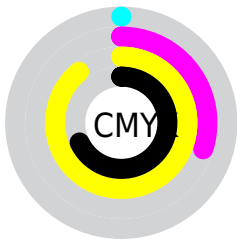
Blue (4%)



Red (18%)

Yellow (32%)

Blue (4%)

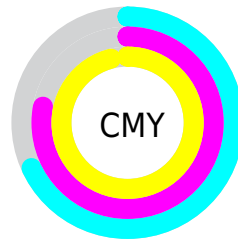


Cyan (0%)

Magenta (30%)

Yellow (89%)

Black (68%)



Cyan (68%)

Magenta (78%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7711, 2.8305, 12.7610 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 21.7711, 2.8305, 12.7610 by changing the saturation by 10% instead.

■ 21.7711, 2.8305,
12.7610

■ 21.7711, 2.8305,
12.7610

■ 121.3612, 0.4318,
35.0565

■ 14.4760, 2.7489,
10.1332

■ 39.0571, 2.7111,
18.5925

■ 8.1371, 2.9377,
5.6960

■ 48.8809, 2.5422,
21.2225

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4131, 2.3125,
23.7215

0.0000, NaN, NaN

■ 70.6090, 2.0282,
26.1193

0.0000, NaN, NaN

■ 82.4312, 1.6945,
28.4372

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.8482, 1.3151,

30.6916

0.0000, NaN, NaN

■ 107.8328, 0.8933,
32.8948

■ 21.7711, 2.8305,
12.7610

■ 21.7711, 2.8305,
12.7610

■ 21.0999, 3.7858,
13.0033

■ 22.4651, 1.9108,
12.4548

■ 21.0350, 3.8791,
13.0296

■ 23.1919, 1.0986,
11.9003

■ 23.9515, 0.3968,
11.0937

■ 24.7431, -0.1936,
10.0389

■ 25.5655, -0.6738,
8.7430

■ 26.4177, -1.0461,
7.2158

■ 27.2983, -1.3139,
5.4682

■ 28.2061, -1.4813,
3.5121

■ 29.1398, -1.5528,
1.3595

Harmonies

Analogous

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



21.7716, 13.5080, 11.1380



21.7711, 2.8305, 12.7610



21.7716, -7.1908, 12.5497

Triad

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



21.7716, 2.8294, 12.7612



21.7716, -16.9396, -5.8111



21.7716, 15.8602, -15.2728

Complementary

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



21.7711, 2.8305, 12.7610



13.4583, 5.7284, -26.7738

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.



21.7716, 5.6020, -25.3171



21.7711, 2.8305, 12.7610



21.7716, -12.7511, -18.3266

Square

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



21.7716, 2.8294, 12.7612



21.7716, -17.4043, 4.5437



21.7716, -4.8867, -26.6398



21.7716, 21.9122, -2.8119

Rectangle

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



21.7711, 2.8305, 12.7610



21.7716, -12.2483, 11.3593



21.7716, -4.8867, -26.6398



21.7716, 12.7099, -19.2505

Sweetspot

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



21.7716, 2.8294, 12.7612



35.0295, -1.4264, 9.3022



14.5187, 22.2223, 2.9837



17.2910, -0.6719, 4.8054



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



21.7716, 2.8294, 12.7612



27.5058, 5.6779, 17.0484



27.1951, -10.3834, 16.0122



14.4110, -0.7579, 1.7602



26.8355, 5.4904, 16.6320



63.0967, 15.8069, 39.1566

Inverse Universe

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



13.4583, 5.7284, -26.7738



15.3839, 11.4914, -44.0351



9.7612, 17.8122, -42.1600



13.9305, -0.7172, -0.2796



15.0348, 11.1063, -42.7676



33.8938, 32.3328, -112.1615

Previews

White Background



This preview shows how the HunterLab color 21.7711, 2.8305, 12.7610 looks on a white background.

Color Contrast Check

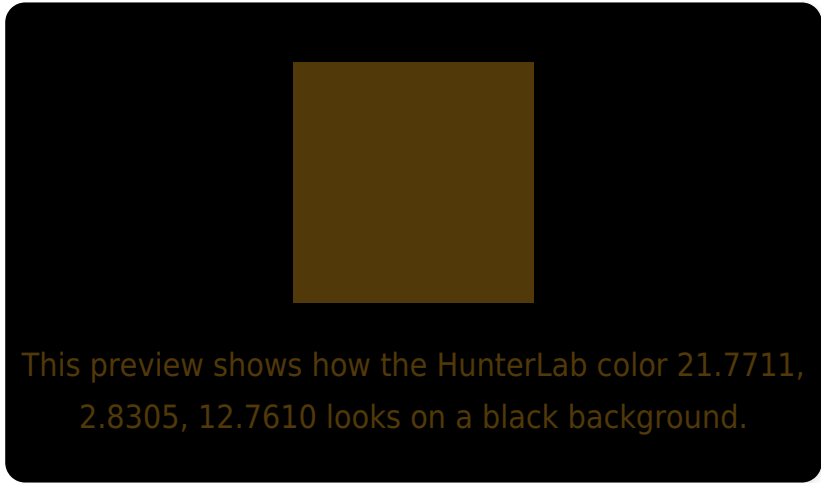
Large Text (above 18pt) WCAG AA ✓ Pass

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

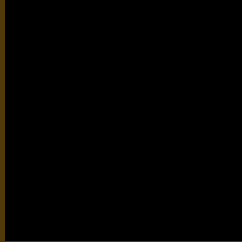
Any Text WCAG AA × Fail

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 21.7711, 2.8305, 12.7610 Background



This preview shows how black text looks on a background with the HunterLab color 21.7711, 2.8305, 12.7610.



This preview shows how white text looks on a background with the HunterLab color 21.7711, 2.8305,

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

21.7711, 2.8305, 12.7610

Protanopia

21.8386, -3.0450, 12.6239

Deuteranopia

21.8242, 0.6103, 12.9126



Tritanopia

21.7404, 8.4899, 2.9883

Trichromacy



Original Color

21.7711, 2.8305, 12.7610

Protanomaly

21.7013, -1.0072, 12.5701

Deuteranomaly

21.6931, 1.3799, 12.7635

Tritanomaly

21.5187, 6.0530, 7.8345

Monochromacy



Original Color

21.7711, 2.8305, 12.7610

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.9273, -0.5595, 6.9420

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7711, 2.8305, 12.7610 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(82, 57, 9)` looks like.

```
.text, #text, p{  
    color:rgb(82, 57, 9)  
}
```

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(82, 57, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 57, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7711, 2.8305, 12.7610 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(82, 57, 9) }
```


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

```
.border{ border-color:rgb(82, 57, 9) }
```

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

Here you see how a box with a 4 pixel rgb(82, 57, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 57, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 57, 9); box-shadow:4px  
4px 4px 4px rgb(82, 57, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7711, 2.8305, 12.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 57, 9) }
```

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

```
.background{ background-color: rgb(82, 57,  
9) }
```

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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