

Converting Colors

HunterLab(21.7870, -0.6167,
12.0750)

Have a look what the booklet for
HunterLab(21.7870, -0.6167,
12.0750) contains.

HunterLab(21.8288, -0.4949, 12.1107)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.8288, -0.4949,
12.1107)**

Conversions

Conversions Part 1

Format	Color
Hex	4B3C10
RGB	75, 60, 16
RGB Percent	29%, 24%, 6%
CMY	0.7059, 0.7647, 0.9373
CMYK	0.00, 0.20, 0.79, 0.71
HSL	45°, 65%, 18%
HSV	45°, 79%, 29%
XYZ	4.6110, 4.7650, 1.1669
YIQ	59.4690, 23.0640, -10.5040

Conversions

Conversions Part 2

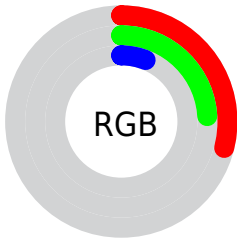
Format	Color
RYB	36, 75, 16
Decimal	4930576
CIE Lab	26.06, 1.09, 28.41
CIE LCh	26, 28.433, 87.810
Yxy	4.7652, 0.4374, 0.4520
Android (android.graphics.Color)	4283120656 (0xFF4B3C10)
YUV	59.4690, -21.4302, 13.6207
Hunter-Lab	21.8288, -0.4949, 12.1107

Details

The HunterLab color **21.8288, -0.4949, 12.1107** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **12.6414, 5.7457, -23.3299**, and the grayscale version is **21.1404, -1.1280, 1.1486**.

A 20% lighter version of the original color is **39.0998, -1.2965, 17.3758**, and **8.1586, 0.3441, 5.0333** is the 20% darker color. If you saturate the color by 10%, you get **21.3313, 0.0423, 12.4665**, and if you desaturate by 10%, it is **22.3496, -0.9433, 11.5343**.

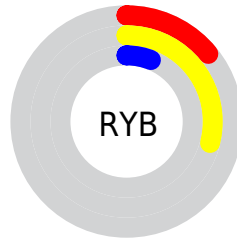
Distribution



 Red (29%)

 Green (24%)

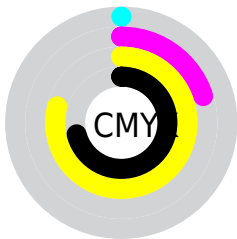
 Blue (6%)



 Red (14%)

 Yellow (29%)

 Blue (6%)

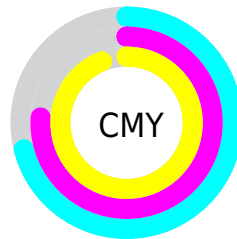


 Cyan (0%)

 Magenta (20%)

 Yellow (79%)

 Black (71%)



 Cyan (71%)

 Magenta (76%)

 Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8288, -0.4949, 12.1107 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 21.8288, -0.4949, 12.1107 by changing the saturation by 10% instead.

■ 21.8288, -0.4949,
12.1107

■ 21.8288, -0.4949,
12.1107

■ 121.4634, -5.3049,
32.4564

■ 14.5264, -0.1898,
10.1685

■ 39.1272, -1.2774,
17.3824

■ 8.1874, 0.1411,
5.7312

■ 48.9564, -1.7399,
19.7680

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4937, -2.2444,
22.0425

0.0000, NaN, NaN

■ 70.6943, -2.7877,
24.2321

0.0000, NaN, NaN

■ 82.5211, -3.3674,
26.3557

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9424, -3.9813,

107.9311, -4.6276,
30.4584

21.8288, -0.4949,
12.1107

21.8288, -0.4949,
12.1107

21.3313, 0.0423,
12.4665

22.3496, -0.9433,
11.5343

20.8441, 0.6072,
12.7729

22.8927, -1.2947,
10.7262

20.7795, 0.6823,
12.8162

23.4585, -1.5486,
9.6855

24.0468, -1.7047,
8.4145

24.6573, -1.7639,
6.9179

■ 25.2894, -1.7280,
5.2022

■ 25.9427, -1.5994,
3.2752

■ 26.6164, -1.3811,
1.1455

■ 27.3100, -1.0762,
-1.1779

Harmonies

Analogous

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



21.8293, 8.9158, 11.0773



21.8288, -0.4949, 12.1107



21.8293, -8.7160, 11.3538

Triad

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



21.8293, -0.4958, 12.1109



21.8293, -14.5410, -8.0474



21.8293, 15.6272, -9.6172

Complementary

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



21.8288, -0.4949, 12.1107



12.6414, 5.7457, -23.3299

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.



21.8293, 7.5742, -19.1495



21.8288, -0.4949, 12.1107



21.8293, -9.6960, -18.0128

Square

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



21.8293, -0.4958, 12.1109



21.8293, -15.9938, 1.8124



21.8293, -1.8280, -22.7175



21.8293, 19.1212, 0.5451

Rectangle

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



21.8288, -0.4949, 12.1107



21.8293, -12.6358, 9.6474



21.8293, -1.8280, -22.7175



21.8293, 13.3053, -13.1354

Sweetspot

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



21.8293, -0.4958, 12.1109



32.4125, -2.2934, 8.1962



14.0332, 17.9777, 3.2682



16.2009, -1.1534, 4.3131



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



21.8293, -0.4958, 12.1109



27.2256, 0.7593, 16.4260



24.6354, -10.1554, 13.8225



13.6941, -0.8445, 1.7311



28.2905, 1.4024, 17.4570



67.7696, 5.3723, 41.8533

Inverse Universe

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



12.6414, 5.7457, -23.3299



13.3262, 12.3673, -41.7795



10.7291, 14.2309, -29.9242



13.0938, -0.5507, -0.3406



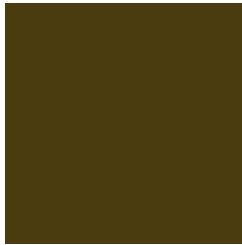
13.0189, 15.1420, -48.9599



29.5728, 43.2715, -130.3742

Previews

White Background



This preview shows how the HunterLab color 21.8288, -0.4949, 12.1107 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

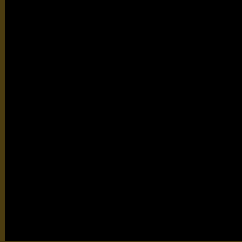
Any Text WCAG AA × Fail

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 21.8288, -0.4949, 12.1107 Background



This preview shows how black text looks on a background with the HunterLab color 21.8288, -0.4949, 12.1107.



This preview shows how white text looks on a background with the HunterLab color 21.8288, -0.4949,

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

21.8288, -0.4949, 12.1107

Protanopia

21.8811, -2.8091, 11.9969

Deuteranopia

21.8817, 0.9202, 12.0626



Tritanopia

21.8502, 5.6449, 1.9627

Trichromacy



Original Color

21.8288, -0.4949, 12.1107

Protanomaly

21.8075, -1.8009, 11.9643

Deuteranomaly

21.7857, 0.5948, 11.9914

Tritanomaly

21.6469, 3.1690, 6.8676

Monochromacy



Original Color

21.8288, -0.4949, 12.1107

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.0385, -1.3524, 6.4992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8288, -0.4949, 12.1107 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(75, 60, 16)` looks like.

```
.text, #text, p{  
    color:rgb(75, 60, 16)  
}
```

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(75, 60, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 60, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8288, -0.4949, 12.1107 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(75, 60, 16) }
```


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

```
.border{ border-color:rgb(75, 60, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 60, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 60, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 60, 16);  
box-shadow:4px 4px 4px 4px rgb(75, 60, 16)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8288, -0.4949, 12.1107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 60, 16) }
```

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

```
.background{ background-color: rgb(75, 60,  
16) }
```

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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