

Converting Colors

HunterLab(12.4920, -2.1090,
7.3880)

Have a look what the booklet for
HunterLab(12.4920, -2.1090, 7.3880)
contains.

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Color

**HunterLab(12.4920, -2.1090,
7.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	262202
RGB	38, 34, 2
RGB Percent	15%, 13%, 1%
CMY	0.8510, 0.8667, 0.9922
CMYK	0.00, 0.11, 0.95, 0.85
HSL	53°, 90%, 8%
HSV	53°, 95%, 15%
XYZ	1.3823, 1.5605, 0.2858
YIQ	31.5480, 12.6560, -9.1040

Conversions

Conversions Part 2

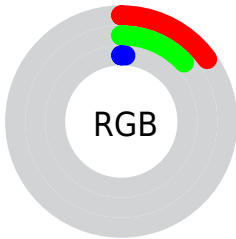
Format	Color
R_{YB}	7, 38, 2
Decimal	2499074
CIE Lab	12.99, -2.90, 18.31
CIE LCh	13, 18.534, 99.006
Yxy	1.5606, 0.4281, 0.4833
Android (android.graphics.Color)	4280689154 (0xFF262202)
YUV	31.5480, -14.5672, 5.6584
Hunter-Lab	12.4920, -2.1090, 7.3880

Details

The HunterLab color **12.4920, -2.1090, 7.3880** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **5.3205, 5.4510, -17.0601**, and the grayscale version is **11.9183, -0.6359, 0.6475**.

A 20% lighter version of the original color is **27.3883, -3.4472, 10.7628**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4239, -2.1294, 7.6183**, and if you desaturate by 10%, it is **12.6221, -2.0738, 6.9590**.

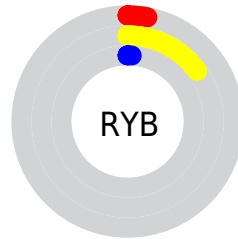
Distribution



Red (15%)

Green (13%)

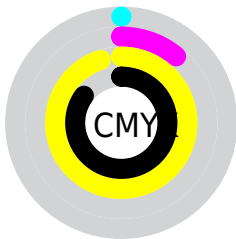
Blue (1%)



Red (3%)

Yellow (15%)

Blue (1%)

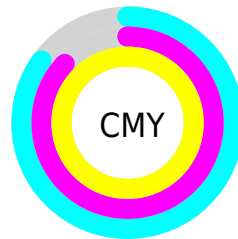


Cyan (0%)

Magenta (11%)

Yellow (95%)

Black (85%)



Cyan (85%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4920, -2.1090, 7.3880 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 12.4920, -2.1090, 7.3880 by changing the saturation by 10% instead.

12.4920, -2.1090,
7.3880

12.4920, -2.1090,
7.3880

103.8887, -8.5228,
22.0533

5.7515, -2.5051,
4.0261

27.4441, -3.3587,
10.6969

0.0000, NaN, NaN

0.0000, NaN, NaN

36.2626, -4.0188,
12.4756

0.0000, NaN, NaN

45.8642, -4.7049,
14.1705

0.0000, NaN, NaN

56.1895, -5.4173,
15.8076

0.0000, NaN, NaN

0.0000, NaN, NaN

67.1910, -6.1558,
17.4041

0.0000, NaN, NaN

78.8293, -6.9199,

0.0000, NaN, NaN

18.9719

■ 91.0713, -7.7091,
20.5195

■ 12.4920, -2.1090,
7.3880

■ 12.4920, -2.1090,
7.3880

■ 12.4239, -2.1294,
7.6183

■ 12.6221, -2.0738,
6.9590

■ 12.7518, -2.0408,
6.5400

■ 12.8842, -1.9946,
6.0891

■ 13.0238, -1.9099,
5.5400

■ 13.1709, -1.7859,
4.8907

■ 13.3255, -1.6220,
4.1407

■ 13.4877, -1.4180,
3.2897

■ 13.6576, -1.1742,
2.3384

■ 13.8352, -0.8907,
1.2879

Harmonies

Analogous

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



12.4923, 2.8945, 7.0556



12.4920, -2.1090, 7.3880



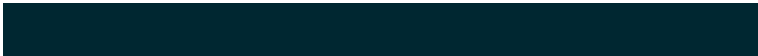
12.4923, -6.0663, 6.0930

Triad

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



12.4923, -2.1095, 7.3881



12.4923, -7.1838, -6.3872



12.4923, 9.4135, -2.9803

Complementary

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



12.4920, -2.1090, 7.3880



5.3205, 5.4510, -17.0601

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.



12.4923, 5.8401, -8.4937



12.4920, -2.1090, 7.3880



12.4923, -3.8698, -10.9306

Square

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



12.4923, -2.1095, 7.3881



12.4923, -8.6842, -0.8074



12.4923, 0.8436, -11.8227



12.4923, 10.0790, 2.0044

Rectangle

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



12.4920, -2.1090, 7.3880



12.4923, -7.7674, 4.4810



12.4923, 0.8436, -11.8227



12.4923, 8.4889, -4.8784

Sweetspot

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



12.4923, -2.1095, 7.3881



16.6989, -1.8995, 4.6428



6.8490, 10.2977, 2.8592



9.6367, -1.1010, 2.6988



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.4923, -2.1095, 7.3881



15.4017, -2.5379, 9.4460



12.5986, -6.6675, 7.3761



7.6562, -0.5432, 0.8922



25.4565, -3.8994, 15.6179



69.7388, -9.7929, 42.8013

Inverse Universe

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



5.3205, 5.4510, -17.0601



5.7789, 8.4584, -25.4824



5.4017, 9.7747, -16.6276



7.2962, -0.2431, -0.1066



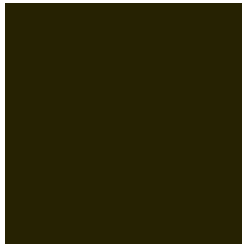
8.9436, 16.4057, -46.5939



22.8696, 52.3277, -141.5454

Previews

White Background



This preview shows how the HunterLab color 12.4920, -2.1090, 7.3880 looks on a white background.

Color Contrast Check

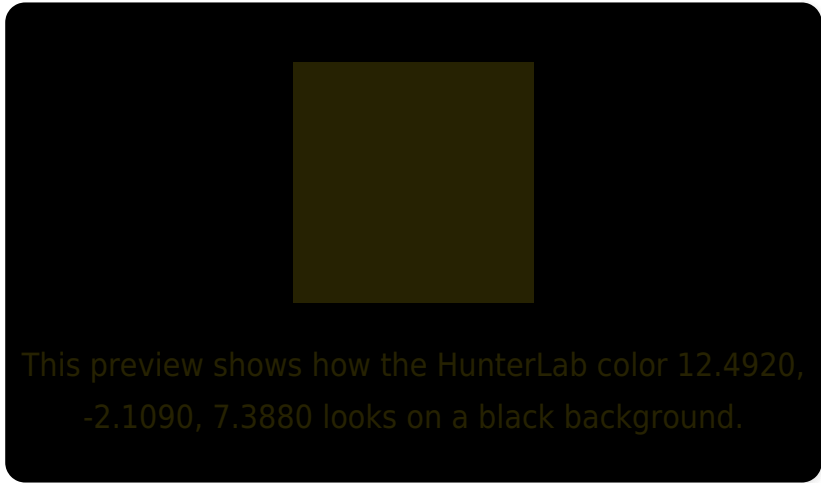
Large Text (above 18pt) WCAG AA ✓ Pass

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

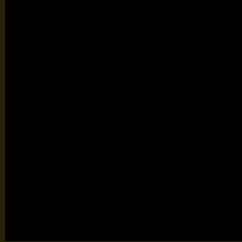
Any Text WCAG AA × Fail

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 12.4920, -2.1090, 7.3880 Background



This preview shows how black text looks on a background with the HunterLab color 12.4920, -2.1090, 7.3880.

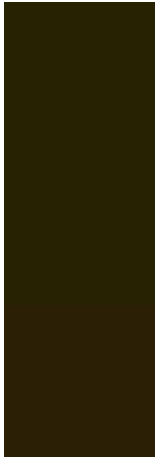


This preview shows how white text looks on a background with the HunterLab color 12.4920, -2.1090,

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

12.4920, -2.1090, 7.3880

Protanopia

12.4920, -2.1090, 7.3880

Deuteranopia

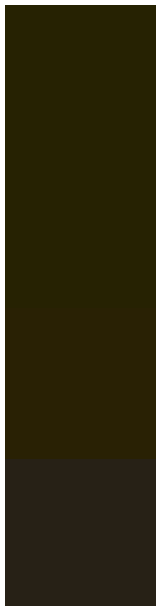
12.4803, 0.1879, 7.0115



Tritanopia

12.6477, 1.5814, 0.7267

Trichromacy



Original Color

12.4920, -2.1090, 7.3880

Protanomaly

12.4920, -2.1090, 7.3880

Deuteranomaly

12.5216, -0.8116, 7.1576

Tritanomaly

12.5578, -0.2939, 4.1491

Monochromacy



Original Color

12.4920, -2.1090, 7.3880

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.1735, -1.6713, 4.0166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4920, -2.1090, 7.3880 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(38, 34, 2)` looks like.

```
.text, #text, p{  
    color:rgb(38, 34, 2)  
}
```

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(38, 34, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 34, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4920, -2.1090, 7.3880 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(38, 34, 2) }
```


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

```
.border{ border-color:rgb(38, 34, 2) }
```

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

Here you see how a box with a 4 pixel rgb(38, 34, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 34, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(38, 34, 2); box-shadow:4px  
4px 4px 4px rgb(38, 34, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4920, -2.1090, 7.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 34, 2) }
```

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

```
.background{ background-color: rgb(38, 34,  
2) }
```

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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