

Converting Colors

HunterLab(19.9120, 1.2471,
12.2060)

Have a look what the booklet for
HunterLab(19.9120, 1.2471,
12.2060) contains.

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Color

**HunterLab(19.9120, 1.2471,
12.2060)**

Conversions

Conversions Part 1

Format	Color
Hex	493501
RGB	73, 53, 1
RGB Percent	29%, 21%, 0%
CMY	0.7137, 0.7921, 0.9961
CMYK	0.00, 0.27, 0.99, 0.71
HSL	43°, 97%, 15%
HSV	43°, 99%, 29%
XYZ	4.0263, 3.9649, 0.5818
YIQ	53.0520, 28.6120, -11.9320

Conversions

Conversions Part 2

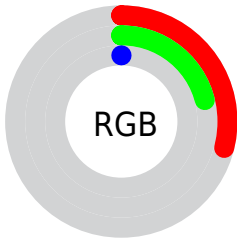
Format	Color
RYB	29, 73, 1
Decimal	4797697
CIELab	23.56, 3.80, 32.29
CIELCh	24, 32.513, 83.288
Yxy	3.9651, 0.4696, 0.4625
Android (android.graphics.Color)	4282987777 (0xFF493501)
YUV	53.0520, -25.6616, 17.4944
Hunter-Lab	19.9120, 1.2471, 12.2060

Details

The HunterLab color **19.9120, 1.2471, 12.2060** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **10.1183, 8.4600, -30.5524**, and the grayscale version is **18.9634, -1.0118, 1.0303**.

A 20% lighter version of the original color is **36.7383, 1.0708, 18.1439**, and **6.2415, 2.6440, 3.8923** is the 20% darker color. If you saturate the color by 10%, you get **19.8434, 1.3298, 12.2507**, and if you desaturate by 10%, it is **20.4203, 0.6348, 11.9018**.

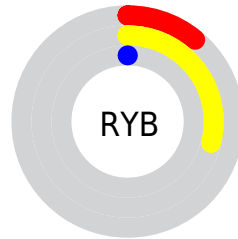
Distribution



Red (29%)

Green (21%)

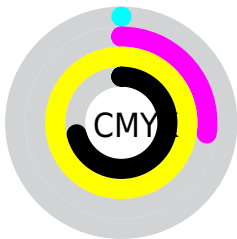
Blue (0%)



Red (11%)

Yellow (29%)

Blue (0%)

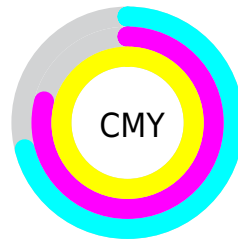


Cyan (0%)

Magenta (27%)

Yellow (99%)

Black (71%)



Cyan (71%)

Magenta (79%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9120, 1.2471, 12.2060 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 19.9120, 1.2471, 12.2060 by changing the saturation by 10% instead.

■ 19.9120, 1.2471,
12.2060

■ 19.9120, 1.2471,
12.2060

■ 118.0314, -2.1881,
34.9228

■ 12.8610, 1.3246,
9.0027

■ 36.7873, 0.8482,
18.1000

■ 6.2740, 2.3042,
4.3918

■ 46.4314, 0.5537,
20.8057

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.7962, 0.2057,
23.3687

0.0000, NaN, NaN

■ 67.8348, -0.1906,
25.8214

0.0000, NaN, NaN

■ 79.5082, -0.6311,
28.1875

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.7836, -1.1125,

30.4847

0.0000, NaN, NaN

 104.6329, -1.6323,
32.7263


 19.9120, 1.2471,
12.2060


 19.9120, 1.2471,
12.2060


 19.8434, 1.3298,
12.2507

 20.4203, 0.6348,
11.9018

 20.9395, 0.0471,
11.5594

 21.4816, -0.4526,
11.0059

 22.0471, -0.8591,
10.2307

 22.6357, -1.1712,
9.2342

■ 23.2471, -1.3889,
8.0197

■ 23.8807, -1.5137,
6.5929

■ 24.5360, -1.5475,
4.9609

■ 25.2122, -1.4930,
3.1320

Harmonies

Analogous

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



19.9125, 11.8570, 10.9072



19.9120, 1.2471, 12.2060



19.9125, -8.1428, 11.7012

Triad

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



19.9125, 1.2461, 12.2062



19.9125, -15.8879, -7.6407



19.9125, 16.9189, -13.3364

Complementary

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



19.9120, 1.2471, 12.2060



10.1183, 8.4600, -30.5524

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.



19.9125, 7.1679, -24.2776



19.9120, 1.2471, 12.2060



19.9125, -11.3500, -20.0047

Square

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



19.9125, 1.2461, 12.2062



19.9125, -16.8522, 3.1153



19.9125, -3.2725, -27.1847



19.9125, 21.9955, -1.1870

Rectangle

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



19.9120, 1.2471, 12.2060



19.9125, -12.6581, 10.3598



19.9125, -3.2725, -27.1847



19.9125, 13.9964, -17.4803

Sweetspot

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



19.9125, 1.2461, 12.2062



30.8641, -1.9402, 9.0696



12.2223, 20.9291, 4.3608



15.8444, -0.9857, 4.8931



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.



19.9125, 1.2461, 12.2062



25.5929, 2.1371, 15.8076



23.7675, -10.8140, 14.3843



12.8828, -0.7624, 1.5933



27.0010, 2.3372, 16.6788



65.4547, 7.9628, 40.4723

Inverse Universe

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



10.1183, 8.4600, -30.5524



12.4995, 12.5432, -42.7005



7.8633, 18.8728, -42.3521



12.3660, -0.5540, -0.2776



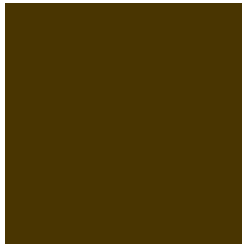
13.1232, 13.4882, -45.5200



30.1699, 39.7230, -123.4603

Previews

White Background



This preview shows how the HunterLab color 19.9120, 1.2471, 12.2060 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

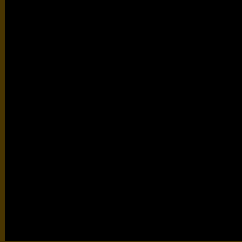
Any Text WCAG AA × Fail

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 19.9120, 1.2471, 12.2060 Background



This preview shows how black text looks on a background with the HunterLab color 19.9120, 1.2471, 12.2060.



This preview shows how white text looks on a background with the HunterLab color 19.9120, 1.2471,

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

19.9120, 1.2471, 12.2060

Protanopia

20.0624, -3.0846, 11.9689

Deuteranopia

20.0401, 0.4841, 12.3571



Tritanopia

19.8734, 6.9204, 2.3185

Trichromacy



Original Color

19.9120, 1.2471, 12.2060

Protanomaly

20.0704, -1.8132, 12.0811

Deuteranomaly

20.0401, 0.4841, 12.3571

Tritanomaly

19.6279, 4.3322, 7.5990

Monochromacy



Original Color

19.9120, 1.2471, 12.2060

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.0325, -1.1819, 6.9926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9120, 1.2471, 12.2060 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(73, 53, 1)` looks like.

```
.text, #text, p{  
    color:rgb(73, 53, 1)  
}
```

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(73, 53, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 53, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9120, 1.2471, 12.2060 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(73, 53, 1) }
```


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

```
.border{ border-color:rgb(73, 53, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 53, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 53, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 53, 1); box-shadow:4px  
4px 4px 4px rgb(73, 53, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9120, 1.2471, 12.2060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 53, 1) }
```

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

```
.background{ background-color: rgb(73, 53,  
1) }
```

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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