

Converting Colors

HunterLab(12.9582, 19.1174,
7.0975)

Have a look what the booklet for
HunterLab(12.9582, 19.1174,
7.0975) contains.

HunterLab(12.9971, 18.9756, 7.1620)	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(12.9971, 18.9756,
7.1620)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0809
RGB	75, 8, 9
RGB Percent	29%, 3%, 4%
CMY	0.7059, 0.9686, 0.9647
CMYK	0.00, 0.89, 0.88, 0.71
HSL	359°, 81%, 16%
HSV	359°, 89%, 29%
XYZ	3.0378, 1.6892, 0.4244
YIQ	28.1470, 39.6110, 14.5150

Conversions

Conversions Part 2

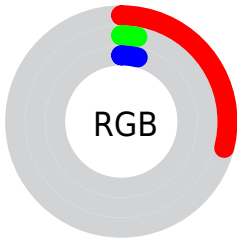
Format	Color
RYB	75, 8, 9
Decimal	4917257
CIELab	13.76, 30.38, 17.66
CIELCh	14, 35.142, 30.170
Yxy	1.6894, 0.5897, 0.3279
Android (android.graphics.Color)	4283107337 (0xFF4B0809)
YUV	28.1470, -9.4395, 41.0901
Hunter-Lab	12.9971, 18.9756, 7.1620

Details

The HunterLab color **12.9971, 18.9756, 7.1620** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **23.6183, -12.2164, -1.9260**, and the grayscale version is **10.8416, -0.5785, 0.5890**.

A 20% lighter version of the original color is **28.1962, 21.6161, 10.6704**, and **2.4099, 4.1271, 1.5572** is the 20% darker color. If you saturate the color by 10%, you get **12.2896, 20.8457, 7.7145**, and if you desaturate by 10%, it is **13.7496, 17.1713, 6.5929**.

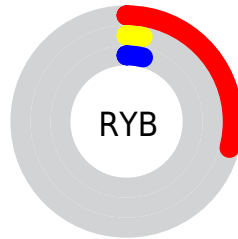
Distribution



Red (29%)

Green (3%)

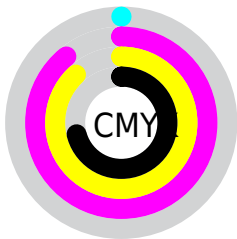
Blue (4%)



Red (29%)

Yellow (3%)

Blue (4%)

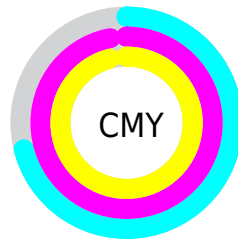


Cyan (0%)

Magenta (89%)

Yellow (88%)

Black (71%)



Cyan (71%)


Magenta (97%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.9971, 18.9756, 7.1620 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 12.9971, 18.9756, 7.1620 by changing the saturation by 10% instead.

 12.9971, 18.9756,
7.1620

 12.9971, 18.9756,
7.1620


 104.9071, 27.7068,
21.6440

 6.4556, 21.1587,
4.5189


 28.0991, 21.7601,
10.5837

0.0000, INF, NaN


0.0000, NaN, NaN

 36.9809, 22.9443,
12.3049

0.0000, NaN, NaN


 46.6406, 23.9975,
13.9497

0.0000, NaN, NaN

 57.0200, 24.9327,
15.5422

0.0000, NaN, NaN

0.0000, NaN, NaN

 68.0722, 25.7617,
17.0983

0.0000, NaN, NaN

 79.7585, 26.4948,

0.0000, NaN, NaN

18.6291

■ 92.0461, 27.1407,
20.1423

■ 12.9971, 18.9756,
7.1620

■ 12.9971, 18.9756,
7.1620

■ 12.2896, 20.8457,
7.7145

■ 13.7496, 17.1713,
6.5929

■ 12.2404, 20.9821,
7.7549

■ 14.7441, 15.0054,
5.9216

■ 15.9687, 12.6126,
5.2048

■ 17.3953, 10.1296,
4.4851

■ 18.9953, 7.6489,
3.7892

■ 20.7428, 5.2232,
3.1309

■ 22.6156, 2.8769,
2.5150

■ 24.5955, 0.6169,
1.9412

■ 26.6676, -1.5595,
1.4063

Harmonies

Analogous

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



12.9975, 22.8427, 0.7587



12.9971, 18.9756, 7.1620



12.9975, 9.6032, 9.0982

Triad

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



12.9975, 18.9741, 7.1622



12.9975, -13.0755, 7.1045



12.9975, -0.6403, -31.0280

Complementary

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



12.9971, 18.9756, 7.1620



23.6183, -12.2164, -1.9260

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.



12.9975, -8.5354, -24.8885



12.9971, 18.9756, 7.1620



12.9975, -14.6364, 0.6561

Square

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



12.9975, 18.9741, 7.1622



12.9975, -8.6049, 9.0982



12.9975, -13.0405, -11.2791



12.9975, 9.7239, -24.7584

Rectangle

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



12.9971, 18.9756, 7.1620



12.9975, 2.5462, 9.0982



12.9975, -13.0405, -11.2791



12.9975, -3.6453, -30.3143

Sweetspot

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



12.9975, 18.9741, 7.1622



27.3231, 6.3884, 3.9667



14.6048, 25.4312, -17.5786



13.5458, 3.4353, 2.0524



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.



12.9975, 18.9741, 7.1622



15.9344, 27.3079, 10.1430



17.4846, 7.3523, 10.1231



13.0523, 0.2507, 1.0060



16.8170, 28.8193, 10.7137



40.9241, 70.1021, 26.3027

Inverse Universe

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



12.9975, 18.9741, 7.1622



15.9344, 27.3079, 10.1430



15.0328, 0.0565, -16.9897



13.0523, 0.2507, 1.0060



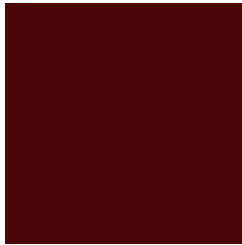
16.8170, 28.8193, 10.7137



40.9241, 70.1021, 26.3027

Previews

White Background



This preview shows how the HunterLab color 12.9971, 18.9756, 7.1620 looks on a white background.

Color Contrast Check

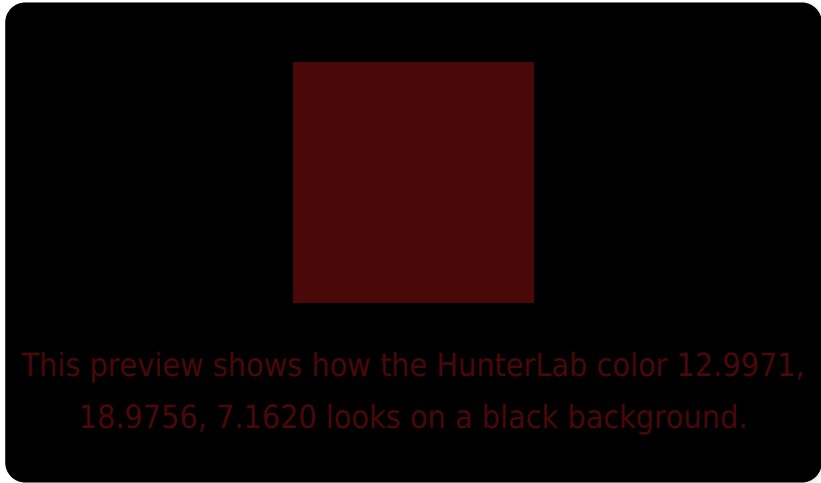
Large Text (above 18pt) WCAG AA ✓ Pass

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

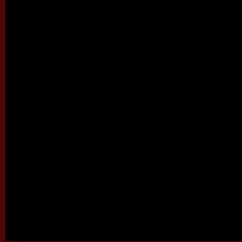
Any Text WCAG AA × Fail

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 12.9971, 18.9756, 7.1620 Background



This preview shows how black text looks on a background with the HunterLab color 12.9971, 18.9756, 7.1620.

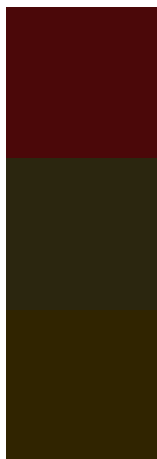


This preview shows how white text looks on a background with the HunterLab color 12.9971, 18.9756,

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

12.9971, 18.9756, 7.1620

Protanopia

13.9079, -1.5502, 6.6162

Deuteranopia

13.7482, -0.0424, 8.4708



Tritanopia

12.9718, 18.8752, 7.5361

Trichromacy



Original Color

12.9971, 18.9756, 7.1620

Protanomaly

12.7481, 6.2567, 6.1940

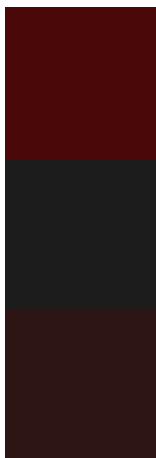
Deuteranomaly

12.8254, 7.2108, 7.6309

Tritanomaly

12.9802, 18.9087, 7.4112

Monochromacy



Original Color

12.9971, 18.9756, 7.1620

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

10.7162, 5.9943, 2.7829

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9971, 18.9756, 7.1620 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, 8, 9)` looks like.

```
.text, #text, p{  
    color:rgb(75, 8, 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(75, 8, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 8, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9971, 18.9756, 7.1620 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, 8, 9) }
```


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

```
.border{ border-color:rgb(75, 8, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 8, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 8, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(75, 8, 9); box-shadow:4px  
4px 4px 4px rgb(75, 8, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.9971, 18.9756, 7.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 8, 9) }
```

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

```
.background{ background-color: rgb(75, 8,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor