

Converting Colors

HunterLab(24.6558, -0.8034,
0.9882)

Have a look what the booklet for
HunterLab(24.6558, -0.8034, 0.9882)
contains.

HunterLab(24.5983, -0.4945, 0.7802)	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(24.5983, -0.4945,
0.7802)**

Conversions

Conversions Part 1

Format	Color
Hex	474547
RGB	71, 69, 71
RGB Percent	28%, 27%, 28%
CMY	0.7216, 0.7294, 0.7216
CMYK	0.00, 0.03, 0.00, 0.72
HSL	300°, 1%, 27%
HSV	300°, 3%, 28%
XYZ	5.8640, 6.0508, 6.8201
YIQ	69.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

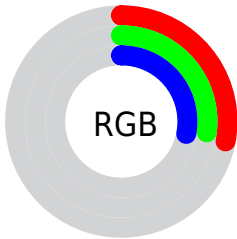
Format	Color
R_{YB}	71, 69, 71
Decimal	4670791
CIE Lab	29.54, 1.28, -0.91
CIE LCh	30, 1.567, 324.501
Yxy	6.0510, 0.3130, 0.3230
Android (android.graphics.Color)	4282860871 (0xFF474547)
YUV	69.8260, 0.5788, 1.0296
Hunter-Lab	24.5983, -0.4945, 0.7802

Details

The HunterLab color $[24.5983, -0.4945, 0.7802]$ is a dark color, and the websafe version is hex 333333 . A complement of this color would be $[24.9028, -2.1362, 1.9021]$, and the grayscale version is $[24.6848, -1.3171, 1.3412]$.

A 20% lighter version of the original color is $[42.3986, -1.3688, 1.6960]$, and $[10.3417, 0.1614, 0.0769]$ is the 20% darker color. If you saturate the color by 10%, you get $[22.8673, 2.5494, -1.3210]$, and if you desaturate by 10%, it is $[26.4149, -3.4686, 2.8355]$.

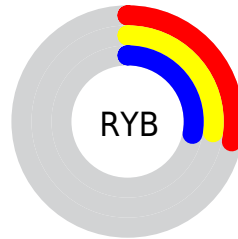
Distribution



Red (28%)

Green (27%)

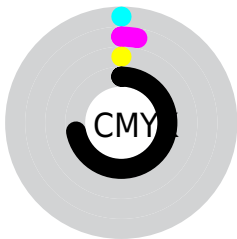
Blue (28%)



Red (28%)

Yellow (27%)

Blue (28%)

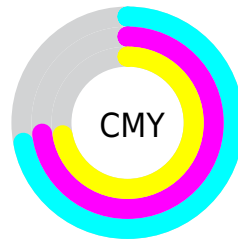


Cyan (0%)

Magenta (3%)

Yellow (0%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5983, -0.4945, 0.7802 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 24.5983, -0.4945, 0.7802 by changing the saturation by 10% instead.

■ 24.5983, -0.4945,
0.7802

■ 24.5983, -0.4945,
0.7802

■ 126.3043, -5.3396,
5.9192

■ 16.9592, -0.1812,
0.4283

■ 42.4699, -1.2881,
1.6443

■ 10.3316, 0.0645,
0.1404

■ 52.5516, -1.7550,
2.1447

0.0000, NaN, -NF

■ 63.3247, -2.2635,
2.6858

0.0000, NaN, NaN

■ 74.7475, -2.8105,
3.2648

0.0000, NaN, NaN

■ 86.7848, -3.3934,
3.8795

0.0000, NaN, NaN

99.4068, -4.0104,

0.0000, NaN, NaN

4.5278

0.0000, NaN, NaN

112.5876, -4.6596,
5.2082

■ 24.5983, -0.4945,
0.7802

■ 24.5983, -0.4945,
0.7802

■ 22.8673, 2.5494,
-1.3210

■ 26.4149, -3.4686,
2.8355

■ 21.2324, 5.6576,
-3.4642

■ 28.3055, -6.3710,
4.8433

■ 19.7082, 8.8101,
-5.6355

■ 30.2621, -9.2061,
6.8066

■ 18.3112, 11.9694,
-7.8092

■ 32.2776, -11.9799,
8.7293

■ 17.0596, 15.0728,
-9.9422

■ 34.3461, -14.6991,
10.6158

■ 15.9726, 18.0262,
-11.9703

■ 36.4627, -17.3704,
12.4706

■ 15.0684, 20.7053,
-13.8084

■ 38.6231, -20.0003,
14.2980

■ 14.3611, 22.9680,
-15.3599

■ 40.8237, -22.5945,
16.1019

■ 13.8032, 24.8722,
-16.6649

■ 43.0614, -25.1583,
17.8858

Harmonies

Analogous

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



24.5988, -0.8981, 0.4583



24.5983, -0.4945, 0.7802



24.5988, -0.3113, 1.2477

Triad

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



24.5988, -0.4951, 0.7806



24.5988, -1.2180, 2.2664



24.5988, -2.2165, 0.9415

Complementary

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



24.5983, -0.4945, 0.7802



24.9028, -2.1362, 1.9021

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.



24.5988, -2.3006, 1.4299



24.5983, -0.4945, 0.7802



24.5988, -1.7268, 2.1883

Square

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



24.5988, -0.4951, 0.7806



24.5988, -0.7309, 2.1003



24.5988, -2.1220, 1.8846



24.5988, -1.8914, 0.5525

Rectangle

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



24.5983, -0.4945, 0.7802



24.5988, -0.3390, 1.5758



24.5988, -2.1220, 1.8846



24.5988, -2.2738, 1.0998

Sweetspot

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



24.5988, -0.4951, 0.7806



32.3979, -1.3373, 1.4941



24.4473, -1.0189, 0.5890



16.3878, -0.6998, 0.7716



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



24.5988, -0.4951, 0.7806



31.9165, -0.5257, 0.9335



24.5729, -0.6361, 1.1494



12.8643, -0.1613, 0.3419



18.9408, 37.2382, -24.9815



46.7611, 91.9338, -61.6744

Inverse Universe

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



24.5988, -0.4951, 0.7806



31.9165, -0.5257, 0.9335



24.9279, -1.9979, 1.5434



12.8643, -0.1613, 0.3419



18.9408, 37.2382, -24.9815



46.7611, 91.9338, -61.6744

Previews

White Background



This preview shows how the HunterLab color 24.5983, -0.4945, 0.7802 looks on a white background.

Color Contrast Check

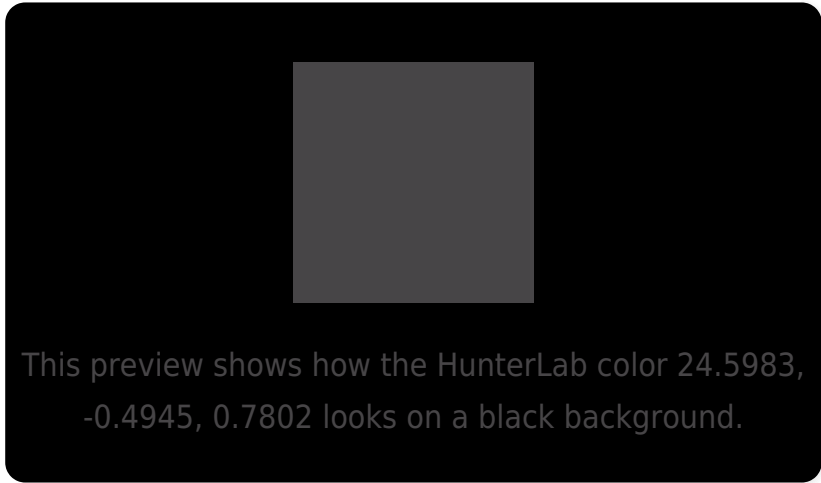
Large Text (above 18pt) WCAG AA ✓ Pass

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

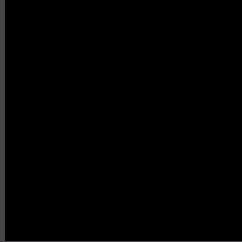
Any Text WCAG AA × Fail

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 24.5983, -0.4945, 0.7802 Background



This preview shows how black text looks on a background with the HunterLab color 24.5983, -0.4945, 0.7802.



This preview shows how white text looks on a background with the HunterLab color 24.5983, -0.4945,

0.7802.

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

24.5983, -0.4945, 0.7802

Protanopia

24.5220, -0.7579, 0.6838

Deuteranopia

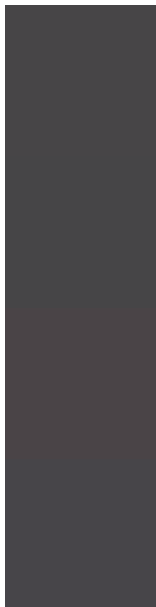
24.4235, 1.4471, 0.6037



Tritanopia

24.6784, -0.0589, -0.3591

Trichromacy



Original Color

24.5983, -0.4945, 0.7802

Protanomaly

24.5220, -0.7579, 0.6838

Deuteranomaly

24.5866, 0.7405, 0.7878

Tritanomaly

24.6513, -0.2061, 0.0260

Monochromacy



Original Color

24.5983, -0.4945, 0.7802

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.7479, -1.3205, 1.3446

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5983, -0.4945, 0.7802 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(71, 69, 71)` looks like.

```
.text, #text, p{  
    color:rgb(71, 69, 71)  
}
```

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(71, 69, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 69, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5983, -0.4945, 0.7802 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(71, 69, 71) }
```


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

```
.border{ border-color:rgb(71, 69, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 69, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 69, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 69, 71);  
box-shadow:4px 4px 4px 4px rgb(71, 69, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.5983, -0.4945, 0.7802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 69, 71) }
```

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

```
.background{ background-color: rgb(71, 69,  
71) }
```

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