

Converting Colors

HunterLab(25.7558, -3.0069,
2.6603)

Have a look what the booklet for
HunterLab(25.7558, -3.0069, 2.6603)
contains.

HunterLab(25.7718, -2.9890, 2.4978)	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(25.7718, -2.9890,
2.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	464A46
RGB	70, 74, 70
RGB Percent	27%, 29%, 27%
CMY	0.7255, 0.7098, 0.7255
CMYK	0.05, 0.00, 0.05, 0.71
HSL	120°, 3%, 28%
HSV	120°, 5%, 29%
XYZ	6.0801, 6.6419, 6.7559
YIQ	72.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

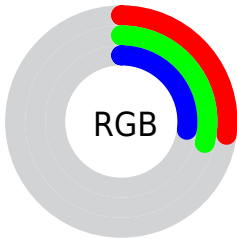
Format	Color
R_YB	70, 74, 74
Decimal	4606534
CIE Lab	30.98, -2.52, 1.82
CIE LCh	31, 3.108, 144.207
Yxy	6.6421, 0.3122, 0.3410
Android (android.graphics.Color)	4282796614 (0xFF464A46)
YUV	72.3480, -1.1576, -2.0592
Hunter-Lab	25.7718, -2.9890, 2.4978

Details

The HunterLab color **25.7718, -2.9890, 2.4978** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **25.1610, 0.3111, 0.2424**, and the grayscale version is **25.5849, -1.3651, 1.3901**.

A 20% lighter version of the original color is **43.9608, -4.5573, 3.8925**, and **11.1386, -1.6388, 1.3155** is the 20% darker color. If you saturate the color by 10%, you get **25.0917, -5.7835, 4.3860**, and if you desaturate by 10%, it is **26.5213, -0.0016, 0.4797**.

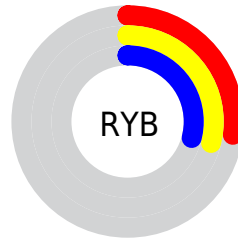
Distribution



Red (27%)

Green (29%)

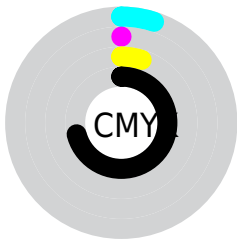
Blue (27%)



Red (27%)

Yellow (29%)

Blue (29%)

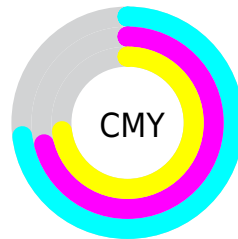


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (71%)



Cyan (73%)

Magenta (71%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.7718, -2.9890, 2.4978 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 25.7718, -2.9890, 2.4978 by changing the saturation by 10% instead.

■ 25.7718, -2.9890,
2.4978

■ 25.7718, -2.9890,
2.4978

■ 128.3184, -9.6307,
8.8830

■ 17.9981, -2.3876,
1.9455

■ 43.8744, -4.2766,
3.7049

■ 11.2157, -1.8101,
1.4267

■ 54.0583, -4.9622,
4.3570

■ 3.2904, -3.5147,
2.3033

■ 64.9272, -5.6753,
5.0401

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 76.4403, -6.4153,
5.7530

0.0000, NaN, NaN

■ 88.5634, -7.1815,
6.4947

0.0000, NaN, NaN

101.2672, -7.9733,

0.0000, NaN, NaN

114.5264, -8.7899,
8.0605

■ 25.7718, -2.9890,
2.4978

■ 25.7718, -2.9890,
2.4978

■ 25.0917, -5.7835,
4.3860

■ 26.5213, -0.0016,
0.4797

■ 24.4816, -8.3563,
6.1246

■ 27.3359, 3.1536,
-1.6514

■ 23.9439, -10.6818,
7.6964

■ 28.2129, 6.4505,
-3.8777

■ 23.4797, -12.7366,
9.0854

■ 29.1493, 9.8660,
-6.1836

■ 23.0889, -14.5017,
10.2787

■ 30.1417, 13.3791,
-8.5549

■ 22.7706, -15.9646,
11.2677

■ 31.1869, 16.9716,
-10.9792

■ 22.5226, -17.1209,
12.0496

■ 32.2817, 20.6279,
-13.4460

■ 22.3413, -17.9760,
12.6278

■ 33.4230, 24.3348,
-15.9464

■ 22.1973, -18.6603,
13.0905

■ 34.6081, 28.0814,
-18.4731

Harmonies

Analogous

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



25.7724, -2.1970, 3.0895



25.7718, -2.9890, 2.4978



25.7724, -3.3494, 1.5954

Triad

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



25.7724, -2.9896, 2.4982



25.7724, -1.5795, -0.5765



25.7724, 0.4858, 2.1760

Complementary

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



25.7718, -2.9890, 2.4978



25.1610, 0.3111, 0.2424

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.



25.7724, 0.6575, 1.2088



25.7718, -2.9890, 2.4978



25.7724, -0.5457, -0.4061

Square

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



25.7724, -2.9896, 2.4982



25.7724, -2.5437, -0.1997



25.7724, 0.2772, 0.2572



25.7724, -0.1883, 2.9087

Rectangle

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



25.7718, -2.9890, 2.4978



25.7724, -3.2996, 0.9283



25.7724, 0.2772, 0.2572



25.7724, 0.6047, 1.8686

Sweetspot

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



25.7724, -2.9896, 2.4982



34.3327, -2.6595, 2.4282



26.0520, -1.9172, 2.8323



17.2507, -1.2896, 1.1883



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.



25.7724, -2.9896, 2.4982



33.9356, -4.2609, 3.5101



25.8205, -2.7233, 1.8104



13.7640, -1.7056, 1.4083



30.8266, -26.4336, 18.5324



75.0438, -64.3499, 45.1151

Inverse Universe

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



25.1610, 0.3111, 0.2424



33.0060, 0.7581, 0.0800



25.1099, 0.0345, 0.9694



13.3956, 0.2832, 0.0492



19.4522, 38.2439, -25.6585



47.3541, 93.1005, -62.4632

Previews

White Background



This preview shows how the HunterLab color 25.7718, -2.9890, 2.4978 looks on a white background.

Color Contrast Check

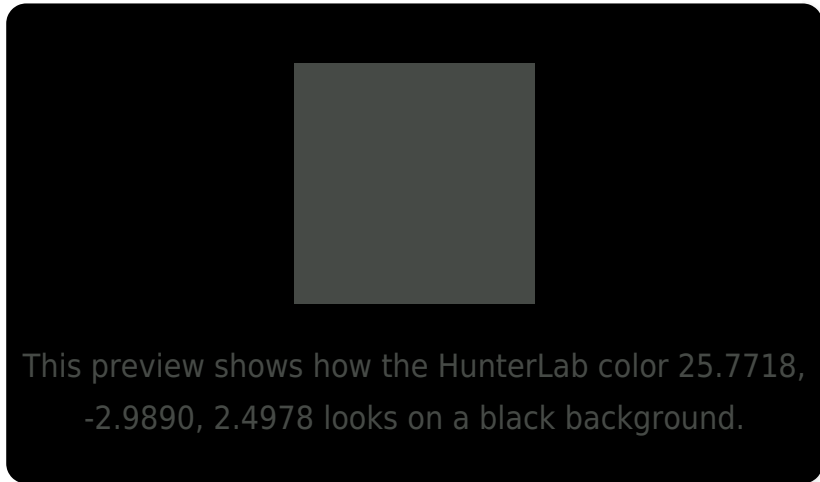
Large Text (above 18pt) WCAG AA ✓ Pass

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

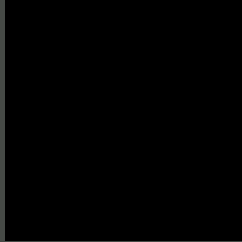
Any Text WCAG AA × Fail

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 25.7718, -2.9890, 2.4978 Background



This preview shows how black text looks on a background with the HunterLab color 25.7718, -2.9890, 2.4978.



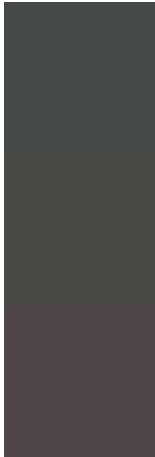
This preview shows how white text looks on a background with the HunterLab color 25.7718, -2.9890,

2.4978.

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

25.7718, -2.9890, 2.4978

Protanopia

25.8662, -1.3874, 3.0089

Deuteranopia

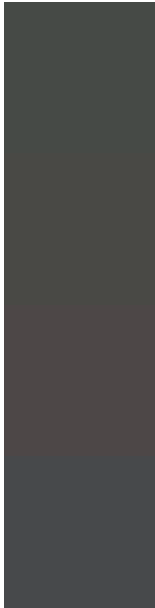
25.6604, 1.8459, 2.0704



Tritanopia

25.7968, -1.1627, -0.6904

Trichromacy



Original Color

25.7718, -2.9890, 2.4978

Protanomaly

25.7123, -1.9245, 2.8274

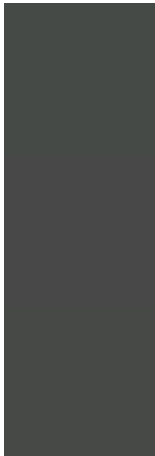
Deuteranomaly

25.5718, 0.2804, 1.9406

Tritanomaly

25.7151, -1.6100, 0.4696

Monochromacy



Original Color

25.7718, -2.9890, 2.4978

Achromatopsia

25.4565, -1.3583, 1.3831

Achromatomaly

25.6117, -2.1785, 1.9437

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.7718, -2.9890, 2.4978 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(70, 74, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 74, 70)  
}
```

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(70, 74, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 74, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 25.7718, -2.9890, 2.4978 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(70, 74, 70) }
```


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

```
.border{ border-color:rgb(70, 74, 70) }
```

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

Here you see how a box with a 4 pixel rgb(70, 74, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 74, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 74, 70);  
box-shadow:4px 4px 4px 4px rgb(70, 74, 70)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.7718, -2.9890, 2.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 74, 70) }
```

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

```
.background{ background-color: rgb(70, 74,  
70) }
```

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