

Converting Colors

HunterLab(12.4726, 4.1395,
2.9223)

Have a look what the booklet for
HunterLab(12.4726, 4.1395, 2.9223)
contains.

HunterLab(12.4988, 3.9690, 2.8524)	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(12.4988, 3.9690,
2.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	2F1D1B
RGB	47, 29, 27
RGB Percent	18%, 11%, 11%
CMY	0.8157, 0.8863, 0.8941
CMYK	0.00, 0.38, 0.43, 0.82
HSL	6°, 27%, 15%
HSV	6°, 43%, 18%
XYZ	1.8095, 1.5622, 1.2431
YIQ	34.1540, 11.3700, 3.1940

Conversions

Conversions Part 2

Format	Color
RYB	47, 29, 27
Decimal	3087643
CIELab	13.00, 8.52, 4.96
CIELCh	13, 9.856, 30.234
Yxy	1.5623, 0.3921, 0.3385
Android (android.graphics.Color)	4281277723 (0xFF2F1D1B)
YUV	34.1540, -3.5269, 11.2659
Hunter-Lab	12.4988, 3.9690, 2.8524

Details

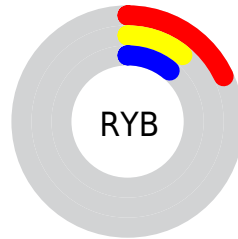
The HunterLab color **12.4988, 3.9690, 2.8524** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.2149, -4.2952, -1.1796**, and the grayscale version is **12.7048, -0.6779, 0.6903**.

A 20% lighter version of the original color is **27.5444, 4.3155, 4.5759**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6145, 5.2295, 3.2955**, and if you desaturate by 10%, it is **13.4447, 2.7495, 2.4002**.

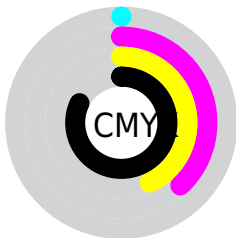
Distribution



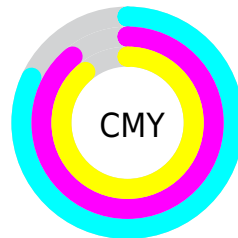
- Red (18%)
- Green (11%)
- Blue (11%)



- Red (18%)
- Yellow (11%)
- Blue (11%)



- Cyan (0%)
- Magenta (38%)
- Yellow (43%)
- Black (82%)



- Cyan (82%)
- Magenta (89%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4988, 3.9690, 2.8524 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 12.4988, 3.9690, 2.8524 by changing the saturation by 10% instead.

■ 12.4988, 3.9690,
2.8524

■ 12.4988, 3.9690,
2.8524

103.9025, 3.3767,
10.4065

■ 5.7616, 6.1324,
3.8842

■ 27.4529, 4.3977,
4.4379

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2723, 4.4539,
5.2373

0.0000, NaN, NaN

■ 45.8747, 4.4284,
6.0511

0.0000, NaN, NaN

■ 56.2008, 4.3321,
6.8824

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2029, 4.1731,
7.7329


0.0000, NaN, NaN


■ 78.8418, 3.9578,


0.0000, NaN, NaN

8.6035


 91.0845, 3.6910,
9.4946


 12.4988, 3.9690,
2.8524


 12.4988, 3.9690,
2.8524


 11.6145, 5.2295,
3.2955


 13.4447, 2.7495,
2.4002


 10.7999, 6.5212,
3.7206


 14.4436, 1.5770,
1.9439


 10.0650, 7.8222,
4.1157

 15.4894, 0.4512,
1.4872

 9.4194, 9.0928,
4.4812

 16.5765, -0.6303,
1.0319

 8.8458, 10.2825,
4.9570

 17.7004, -1.6710,
0.5791

■ 8.4049, 11.2721,
5.3764

■ 18.8572, -2.6751,
0.1292

■ 20.0436, -3.6465,
-0.3178

■ 21.2570, -4.5892,
-0.7620

■ 22.4951, -5.5067,
-1.2038

Harmonies

Analogous

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



12.4991, 4.7547, 0.6999



12.4988, 3.9690, 2.8524



12.4991, 1.9216, 4.1543

Triad

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



12.4991, 3.9684, 2.8526



12.4991, -4.7309, 2.8251



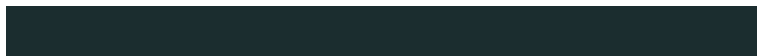
12.4991, -0.6471, -5.0941

Complementary

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



12.4988, 3.9690, 2.8524



15.2149, -4.2952, -1.1796

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.



12.4991, -3.0618, -4.2113



12.4988, 3.9690, 2.8524



12.4991, -5.2988, 0.6608

Square

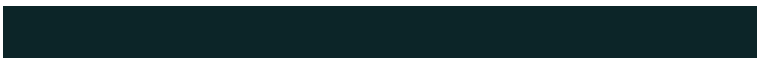
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.4991, 3.9684, 2.8526



12.4991, -3.0946, 4.1409



12.4991, -4.7131, -1.9689



12.4991, 1.9600, -4.1846

Rectangle

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



12.4988, 3.9690, 2.8524



12.4991, 0.1947, 4.5382



12.4991, -4.7131, -1.9689



12.4991, -1.5071, -4.9953

Sweetspot

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



12.4991, 3.9684, 2.8526



19.7479, 0.7477, 1.9808



12.5606, 6.9796, -3.8568



10.5157, 0.4387, 1.0746



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.4991, 3.9684, 2.8526



14.7852, 6.9393, 4.3097



14.6100, 0.0364, 4.7952



8.7552, -0.0219, 0.7029



14.8329, 22.1389, 9.5275



38.5728, 62.3769, 24.8604

Inverse Universe

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



15.2149, -4.2952, -1.1796



19.1018, -6.3314, -2.1315



12.8075, -0.5858, -4.5680



9.0504, -0.9074, 0.2677



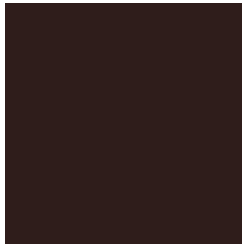
24.7701, -11.3933, -6.3655



65.5001, -29.6488, -17.8662

Previews

White Background



This preview shows how the HunterLab color 12.4988, 3.9690, 2.8524 looks on a white background.

Color Contrast Check

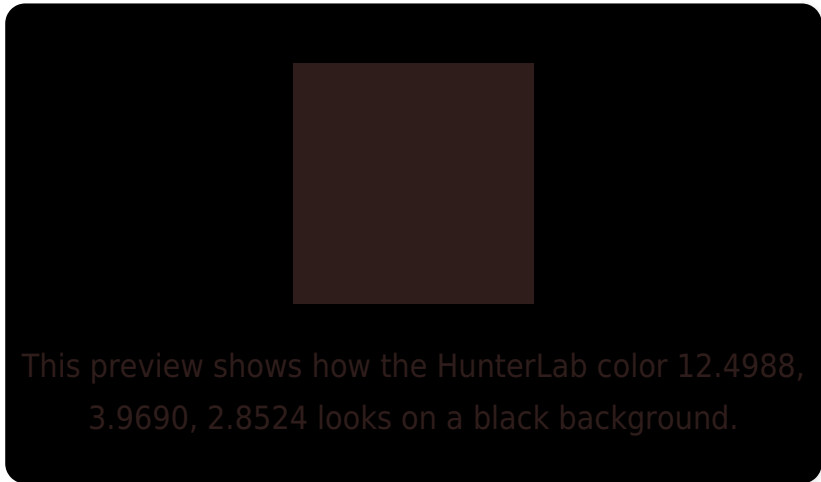
Large Text (above 18pt) WCAG AA ✓ Pass

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

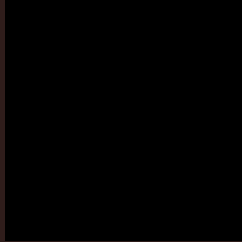
Any Text WCAG AA × Fail

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 12.4988, 3.9690, 2.8524 Background



This preview shows how black text looks on a background with the HunterLab color 12.4988, 3.9690, 2.8524.



This preview shows how white text looks on a background with the HunterLab color 12.4988, 3.9690,

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

12.4988, 3.9690, 2.8524

Protanopia

12.6800, -0.7736, 2.3646

Deuteranopia

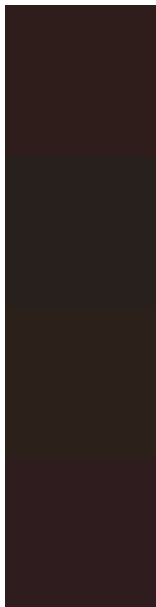
12.7020, 0.3317, 3.2710



Tritanopia

12.3846, 4.7731, 1.5088

Trichromacy



Original Color

12.4988, 3.9690, 2.8524

Protanomaly

12.5219, 0.9116, 2.5301

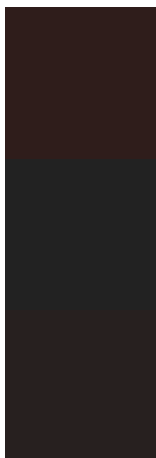
Deuteranomaly

12.7326, 1.5395, 3.3220

Tritanomaly

12.3636, 4.6673, 1.8098

Monochromacy



Original Color

12.4988, 3.9690, 2.8524

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.5031, 0.9694, 1.5742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4988, 3.9690, 2.8524 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(47, 29, 27)` looks like.

```
.text, #text, p{  
    color:rgb(47, 29, 27)  
}
```

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(47, 29, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 29, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4988, 3.9690, 2.8524 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(47, 29, 27) }
```


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

```
.border{ border-color:rgb(47, 29, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 29, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 29, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 29, 27);  
box-shadow:4px 4px 4px 4px rgb(47, 29, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4988, 3.9690, 2.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 29, 27) }
```

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

```
.background{ background-color: rgb(47, 29,  
27) }
```

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