

Converting Colors

HunterLab(12.8689, 4.0742,
3.4986)

Have a look what the booklet for
HunterLab(12.8689, 4.0742, 3.4986)
contains.

HunterLab(12.8689, 4.0742, 3.4986)	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(12.8689, 4.0742,
3.4986)**

Conversions

Conversions Part 1

Format	Color
Hex	311E1A
RGB	49, 30, 26
RGB Percent	19%, 12%, 10%
CMY	0.8078, 0.8823, 0.8980
CMYK	0.00, 0.39, 0.47, 0.81
HSL	10°, 31%, 15%
HSV	10°, 47%, 19%
XYZ	1.9173, 1.6561, 1.1959
YIQ	35.2250, 12.6080, 2.7840

Conversions

Conversions Part 2

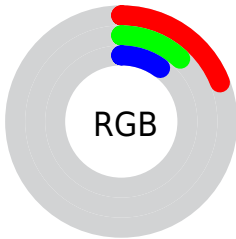
Format	Color
R_{YB}	49, 31, 26
Decimal	3218970
CIE _{Lab}	13.57, 8.66, 6.52
CIE _{LCh}	14, 10.843, 36.982
Yxy	1.6562, 0.4020, 0.3472
Android (android.graphics.Color)	4281409050 (0xFF311E1A)
YUV	35.2250, -4.5479, 12.0807
Hunter-Lab	12.8689, 4.0742, 3.4986

Details

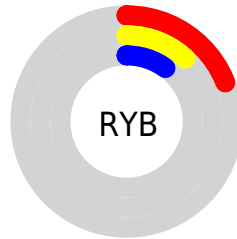
The HunterLab color **12.8689, 4.0742, 3.4986** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.2251, -4.1487, -2.0066**, and the grayscale version is **13.0471, -0.6962, 0.7089**.

A 20% lighter version of the original color is **27.9536, 4.3806, 5.3598**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0176, 5.2784, 3.9733**, and if you desaturate by 10%, it is **13.7776, 2.9157, 2.9919**.

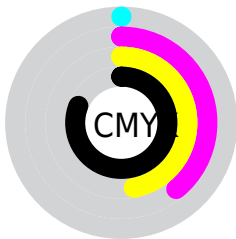
Distribution



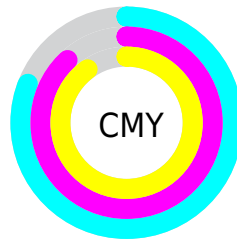
- Red (19%)
- Green (12%)
- Blue (10%)



- Red (19%)
- Yellow (12%)
- Blue (10%)



- Cyan (0%)
- Magenta (39%)
- Yellow (47%)
- Black (81%)



- Cyan (81%)
- Magenta (88%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8689, 4.0742, 3.4986 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 12.8689, 4.0742, 3.4986 by changing the saturation by 10% instead.

■ 12.8689, 4.0742,
3.4986

■ 12.8689, 4.0742,
3.4986

104.6495, 3.5136,
11.9082

■ 6.2851, 5.6694,
4.3996

■ 27.9331, 4.5086,
5.3422

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.7990, 4.5685,
6.2479

0.0000, NaN, NaN

■ 46.4440, 4.5467,
7.1583

0.0000, NaN, NaN

■ 56.8098, 4.4542,
8.0787

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8491, 4.2990,
9.0122

0.0000, NaN, NaN

■ 79.5233, 4.0874,

0.0000, NaN, NaN

9.9609

91.7995, 3.8243,
10.9260

12.8689, 4.0742,
3.4986

12.8689, 4.0742,
3.4986

12.0176, 5.2784,
3.9733

13.7776, 2.9157,
2.9919

11.2304, 6.5211,
4.4047

14.7361, 1.8081,
2.4608

10.5161, 7.7844,
4.7794

15.7389, 0.7503,
1.9117

9.8794, 9.0217,
5.1426

16.7812, -0.2600,
1.3490

9.3178, 10.1461,
5.6451

17.8586, -1.2266,
0.7757

■ 9.1544, 10.4818,
5.8244

■ 18.9677, -2.1533,
0.1942

■ 20.1055, -3.0443,
-0.3940

■ 21.2693, -3.9035,
-0.9879

■ 22.4571, -4.7346,
-1.5866

Harmonies

Analogous

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



12.8692, 5.3242, 1.3283



12.8689, 4.0742, 3.4986



12.8692, 1.5650, 4.6878

Triad

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



12.8692, 4.0736, 3.4988



12.8692, -5.4252, 2.6058



12.8692, -0.0030, -5.7503

Complementary

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



12.8689, 4.0742, 3.4986



15.2251, -4.1487, -2.0066

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.



12.8692, -2.7947, -5.1959



12.8689, 4.0742, 3.4986



12.8692, -5.7647, 0.0394

Square

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



12.8692, 4.0736, 3.4988



12.8692, -3.8710, 4.2564



12.8692, -4.8432, -2.9138



12.8692, 2.8394, -4.2944

Rectangle

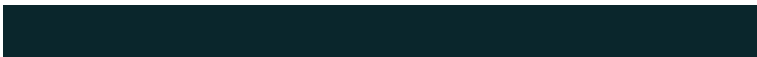
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.8689, 4.0742, 3.4986



12.8692, -0.3926, 4.9611



12.8692, -4.8432, -2.9138



12.8692, -0.9795, -5.7972

Sweetspot

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



12.8692, 4.0736, 3.4988



20.5448, 0.6773, 2.3040



12.5798, 7.9661, -3.8893



11.2318, 0.4155, 1.2884



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



12.8692, 4.0736, 3.4988



15.2471, 7.1261, 5.2356



15.2859, -0.3874, 5.6217



9.5042, -0.0716, 0.8147



15.7891, 21.2328, 10.1009



40.1012, 59.9095, 25.7590

Inverse Universe

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



15.2251, -4.1487, -2.0066



18.9599, -5.9856, -3.4736



12.5158, 0.1025, -6.0511



9.7550, -0.9331, 0.2314



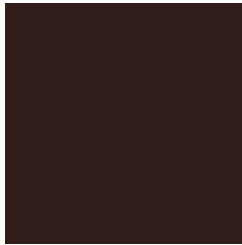
23.6350, -9.3089, -9.4465



61.0357, -23.1119, -26.3973

Previews

White Background



This preview shows how the HunterLab color 12.8689, 4.0742, 3.4986 looks on a white background.

Color Contrast Check

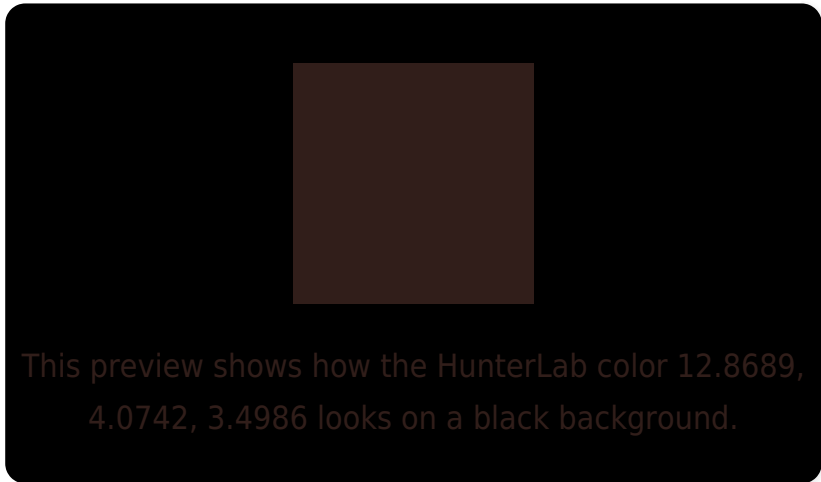
Large Text (above 18pt) WCAG AA ✓ Pass

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

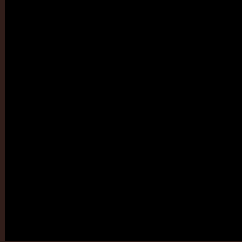
Any Text WCAG AA × Fail

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 12.8689, 4.0742, 3.4986 Background



This preview shows how black text looks on a background with the HunterLab color 12.8689, 4.0742, 3.4986.



This preview shows how white text looks on a background with the HunterLab color 12.8689, 4.0742,

3.4986.

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

12.8689, 4.0742, 3.4986

Protanopia

12.9585, -1.0016, 2.9409

Deuteranopia

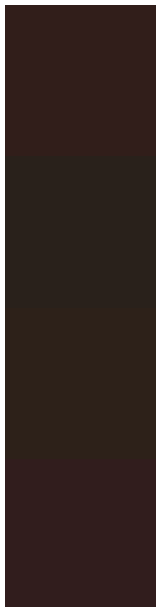
13.0632, 0.4006, 3.8823



Tritanopia

12.7696, 4.9576, 1.9365

Trichromacy



Original Color

12.8689, 4.0742, 3.4986

Protanomaly

12.7995, 0.6973, 3.0960

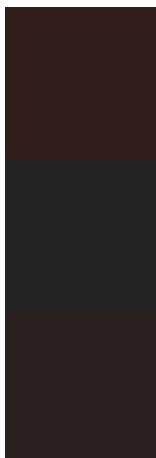
Deuteranomaly

13.0988, 1.6266, 3.9370

Tritanomaly

12.7295, 4.7554, 2.5130

Monochromacy



Original Color

12.8689, 4.0742, 3.4986

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.8184, 0.9573, 1.5948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8689, 4.0742, 3.4986 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(49, 30, 26)` looks like.

```
.text, #text, p{  
    color:rgb(49, 30, 26)  
}
```

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(49, 30, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 30, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8689, 4.0742, 3.4986 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(49, 30, 26) }
```


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

```
.border{ border-color:rgb(49, 30, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 30, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 30, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 30, 26);  
box-shadow:4px 4px 4px 4px rgb(49, 30, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8689, 4.0742, 3.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 30, 26) }
```

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

```
.background{ background-color: rgb(49, 30,  
26) }
```

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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