

Converting Colors

HunterLab(13.8935, 2.0254,
2.9211)

Have a look what the booklet for
HunterLab(13.8935, 2.0254, 2.9211)
contains.

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Color

**HunterLab(13.8034, 1.9743,
2.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	2F231F
RGB	47, 35, 31
RGB Percent	18%, 14%, 12%
CMY	0.8157, 0.8627, 0.8784
CMYK	0.00, 0.26, 0.34, 0.82
HSL	15°, 21%, 15%
HSV	15°, 34%, 18%
XYZ	2.0207, 1.9053, 1.5576
YIQ	38.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

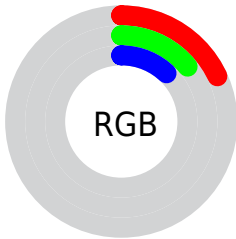
Format	Color
RYB	47, 36, 31
Decimal	3089183
CIELab	14.98, 4.97, 4.87
CIElCh	15, 6.954, 44.426
Yxy	1.9054, 0.3685, 0.3475
Android (android.graphics.Color)	4281279263 (0xFF2F231F)
YUV	38.1320, -3.5161, 7.7772
Hunter-Lab	13.8034, 1.9743, 2.9720

Details

The HunterLab color **13.8034, 1.9743, 2.9720** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.9139, -2.8557, -1.5516**, and the grayscale version is **13.9738, -0.7456, 0.7592**.

A 20% lighter version of the original color is **29.0295, 1.9572, 4.3266**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.9821, 2.9200, 3.5065**, and if you desaturate by 10%, it is **14.6629, 1.0759, 2.4017**.

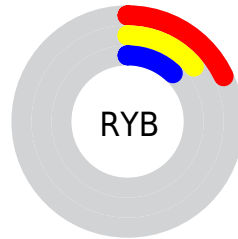
Distribution



Red (18%)

Green (14%)

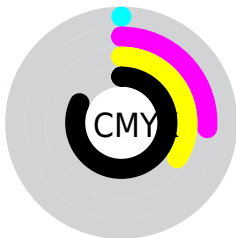
Blue (12%)



Red (18%)

Yellow (14%)

Blue (12%)

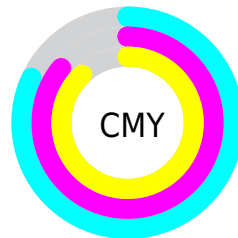


Cyan (0%)

Magenta (26%)

Yellow (34%)

Black (82%)



Cyan (82%)

Magenta (86%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8034, 1.9743, 2.9720 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 13.8034, 1.9743, 2.9720 by changing the saturation by 10% instead.

■ 13.8034, 1.9743,
2.9720

■ 13.8034, 1.9743,
2.9720

106.5121, -0.4767,
10.5001

■ 7.4272, 2.5170,
3.1210

■ 29.1373, 1.8716,
4.5411

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.1176, 1.6993,
5.3368

0.0000, NaN, NaN

■ 47.8678, 1.4625,
6.1482

0.0000, NaN, NaN

■ 58.3315, 1.1688,
6.9779

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.4629, 0.8241,
7.8274

0.0000, NaN, NaN

■ 81.2241, 0.4326,

0.0000, NaN, NaN

8.6974

93.5830, -0.0020,
9.5883

13.8034, 1.9743,
2.9720

13.8034, 1.9743,
2.9720

12.9821, 2.9200,
3.5065

14.6629, 1.0759,
2.4017

12.2024, 3.9149,
3.9968

15.5558, 0.2243,
1.8011

11.4697, 4.9563,
4.4341

16.4790, -0.5843,
1.1752

10.7896, 6.0377,
4.8073

17.4297, -1.3532,
0.5280

10.1661, 7.1376,
5.1332

18.4053, -2.0860,
-0.1374

■ 9.5949, 8.1881,
5.5588

■ 19.4038, -2.7862,
-0.8188

■ 9.2809, 8.7769,
5.8725

■ 20.4232, -3.4572,
-1.5141

■ 21.4619, -4.1018,
-2.2219

■ 22.5186, -4.7229,
-2.9409

Harmonies

Analogous

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



13.8037, 2.9875, 1.5906



13.8034, 1.9743, 2.9720



13.8037, 0.2588, 3.7010

Triad

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



13.8037, 1.9738, 2.9722



13.8037, -4.0876, 1.6535



13.8037, 0.1860, -3.0619

Complementary

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



13.8034, 1.9743, 2.9720



14.9139, -2.8557, -1.5516

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.



13.8037, -1.7058, -3.0390



13.8034, 1.9743, 2.9720



13.8037, -4.1047, -0.1441

Square

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



13.8037, 1.9738, 2.9722



13.8037, -3.2059, 3.0129



13.8037, -3.2540, -1.9134



13.8037, 1.9181, -1.9722

Rectangle

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



13.8034, 1.9743, 2.9720



13.8037, -1.0185, 3.7903



13.8037, -3.2540, -1.9134



13.8037, -0.4538, -3.1883

Sweetspot

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



13.8037, 1.9738, 2.9722



20.4033, -0.0793, 2.0386



13.2618, 5.0349, -1.9579



10.8957, -0.0356, 1.0946



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.



13.8037, 1.9738, 2.9722



16.7622, 3.6620, 4.4586



15.5918, -1.1433, 4.6580



8.8274, -0.1449, 0.7835



16.0422, 18.4740, 10.2086



41.1392, 54.2215, 26.2990

Inverse Universe

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



14.9139, -2.8557, -1.5516



18.5509, -4.1589, -2.8425



13.0332, 0.1903, -4.1999



8.9758, -0.7865, 0.1799



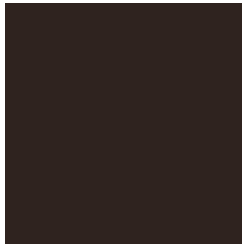
21.1328, -6.5796, -12.2108



54.9794, -15.5531, -35.1449

Previews

White Background



This preview shows how the HunterLab color 13.8034, 1.9743, 2.9720 looks on a white background.

Color Contrast Check

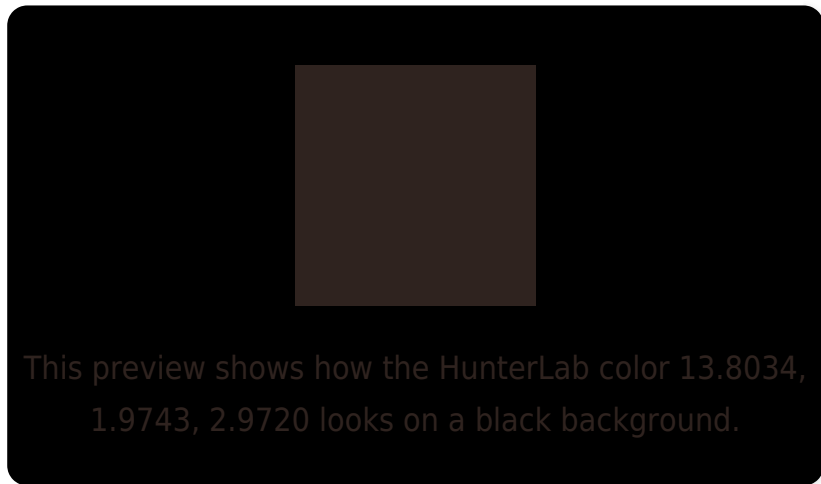
Large Text (above 18pt) WCAG AA ✓ Pass

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

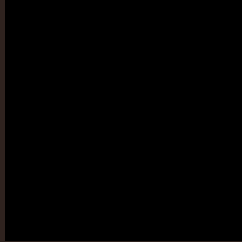
Any Text WCAG AA × Fail

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 13.8034, 1.9743, 2.9720 Background



This preview shows how black text looks on a background with the HunterLab color 13.8034, 1.9743, 2.9720.

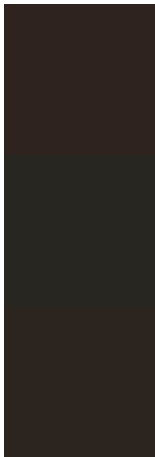


This preview shows how white text looks on a background with the HunterLab color 13.8034, 1.9743,

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

13.8034, 1.9743, 2.9720

Protanopia

13.9342, -0.9564, 2.7550

Deuteranopia

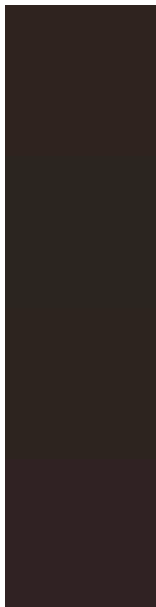
13.7701, 0.7509, 2.9166



Tritanopia

13.8058, 3.3131, 1.0485

Trichromacy



Original Color

13.8034, 1.9743, 2.9720

Protanomaly

13.9320, 0.1997, 2.7730

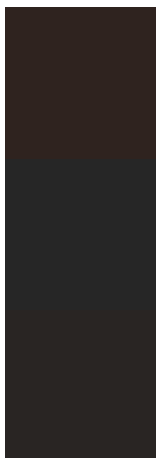
Deuteranomaly

13.8512, 1.0237, 3.0041

Tritanomaly

13.7615, 3.0829, 1.6829

Monochromacy



Original Color

13.8034, 1.9743, 2.9720

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.8416, 0.0136, 1.7182

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8034, 1.9743, 2.9720 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, 35, 31)` looks like.

```
.text, #text, p{  
    color:rgb(47, 35, 31)  
}
```

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, 35, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 35, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8034, 1.9743, 2.9720 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, 35, 31) }
```


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

```
.border{ border-color:rgb(47, 35, 31) }
```

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

Here you see how a box with a 4 pixel rgb(47, 35, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 35, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 35, 31);  
box-shadow:4px 4px 4px 4px rgb(47, 35, 31)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.8034, 1.9743, 2.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 35, 31) }
```

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

```
.background{ background-color: rgb(47, 35,  
31) }
```

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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