

Converting Colors

HunterLab(12.9995, 4.7548,
3.7686)

Have a look what the booklet for
HunterLab(12.9995, 4.7548, 3.7686)
contains.

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Color

**HunterLab(13.0650, 4.6794,
3.6975)**

Conversions

Conversions Part 1

Format	Color
Hex	331E1A
RGB	51, 30, 26
RGB Percent	20%, 12%, 10%
CMY	0.8000, 0.8823, 0.8980
CMYK	0.00, 0.41, 0.49, 0.80
HSL	10°, 32%, 15%
HSV	10°, 49%, 20%
XYZ	2.0160, 1.7069, 1.2005
YIQ	35.8230, 13.8000, 3.2080

Conversions

Conversions Part 2

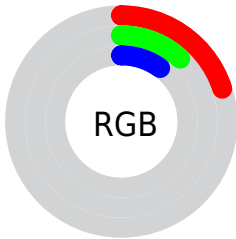
Format	Color
RYB	51, 31, 26
Decimal	3350042
CIELab	13.87, 9.67, 6.98
CIELCh	14, 11.923, 35.843
Yxy	1.7070, 0.4095, 0.3467
Android (android.graphics.Color)	4281540122 (0xFF331E1A)
YUV	35.8230, -4.8427, 13.3102
Hunter-Lab	13.0650, 4.6794, 3.6975

Details

The HunterLab color **13.0650, 4.6794, 3.6975** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.7847, -4.5538, -2.1175**, and the grayscale version is **13.2381, -0.7063, 0.7192**.

A 20% lighter version of the original color is **28.2487, 5.3403, 5.6831**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1817, 5.9787, 4.1814**, and if you desaturate by 10%, it is **14.0132, 3.4253, 3.1807**.

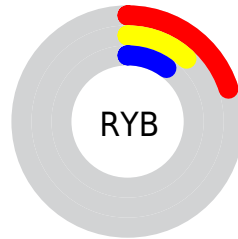
Distribution



Red (20%)

Green (12%)

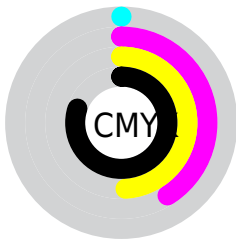
Blue (10%)



Red (20%)

Yellow (12%)

Blue (10%)

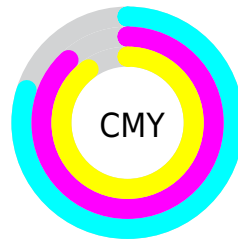


Cyan (0%)

Magenta (41%)

Yellow (49%)

Black (80%)



Cyan (80%)

Magenta (88%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0650, 4.6794, 3.6975 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 13.0650, 4.6794, 3.6975 by changing the saturation by 10% instead.

■ 13.0650, 4.6794,
3.6975

■ 13.0650, 4.6794,
3.6975

105.0431, 4.5792,
12.3608

■ 6.5437, 6.0866,
4.5806

■ 28.1867, 5.2398,
5.6169

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.0770, 5.3559,
6.5541

0.0000, NaN, NaN

■ 46.7444, 5.3867,
7.4932

0.0000, NaN, NaN

■ 57.1309, 5.3438,
8.4401

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1899, 5.2356,
9.3984


0.0000, NaN, NaN


■ 79.8825, 5.0688,


0.0000, NaN, NaN


10.3704


 92.1763, 4.8486,
11.3576

 13.0650, 4.6794,
3.6975


 13.0650, 4.6794,
3.6975


 12.1817, 5.9787,
4.1814


 14.0132, 3.4253,
3.1807


 11.3713, 7.3118,
4.6195


 15.0177, 2.2240,
2.6397


 10.6436, 8.6547,
4.9966

 16.0720, 1.0756,
2.0816

 10.0027, 9.9440,
5.3844

 17.1704, -0.0218,
1.5110

 9.4405, 11.1063,
5.9214

 18.3080, -1.0719,
0.9313

■ 9.3862, 11.2223,
5.9802

■ 19.4807, -2.0788,
0.3448

■ 20.6852, -3.0471,
-0.2470

■ 21.9184, -3.9809,
-0.8432

■ 23.1778, -4.8844,
-1.4430

Harmonies

Analogous

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



13.0653, 6.0107, 1.2937



13.0650, 4.6794, 3.6975



13.0653, 1.9193, 5.0114

Triad

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



13.0653, 4.6788, 3.6977



13.0653, -5.8558, 2.8887



13.0653, -0.0649, -6.5625

Complementary

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



13.0650, 4.6794, 3.6975



15.7847, -4.5538, -2.1175

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.



13.0653, -3.1239, -5.8432



13.0650, 4.6794, 3.6975



13.0653, -6.2774, 0.1006

Square

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



13.0653, 4.6788, 3.6977



13.0653, -4.1121, 4.6247



13.0653, -5.3248, -3.2056



13.0653, 3.1076, -4.9851

Rectangle

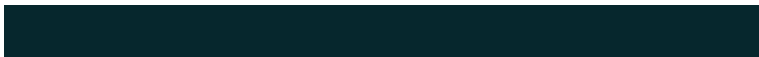
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



13.0650, 4.6794, 3.6975



13.0653, -0.2484, 5.3327



13.0653, -5.3248, -3.2056



13.0653, -1.1413, -6.5852

Sweetspot

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



13.0653, 4.6788, 3.6977



21.1624, 0.9218, 2.4462



12.8448, 8.8282, -4.4666



11.1484, 0.5124, 1.3048



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.



13.0653, 4.6788, 3.6977



15.3662, 8.2285, 5.5688



15.6593, -0.1764, 5.9457



9.4966, -0.0587, 0.8063



15.6781, 21.5743, 10.0385



39.8716, 60.6495, 25.6305

Inverse Universe

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



15.7847, -4.5538, -2.1175



19.6678, -6.5834, -3.6741



12.8299, 0.0485, -6.5670



9.7628, -0.9457, 0.2406



23.9852, -9.7692, -8.8905



62.0294, -24.4323, -24.7892

Previews

White Background



This preview shows how the HunterLab color 13.0650, 4.6794, 3.6975 looks on a white background.

Color Contrast Check

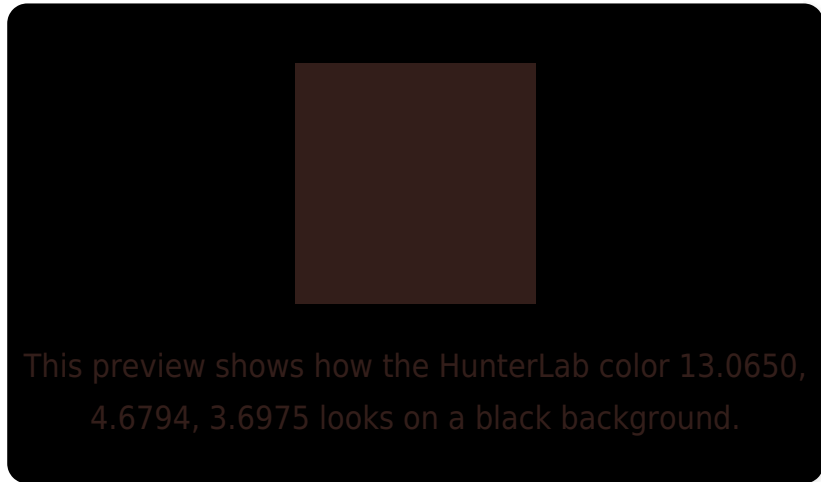
Large Text (above 18pt) WCAG AA ✓ Pass

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

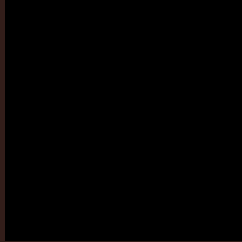
Any Text WCAG AA × Fail

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 13.0650, 4.6794, 3.6975 Background



This preview shows how black text looks on a background with the HunterLab color 13.0650, 4.6794, 3.6975.



This preview shows how white text looks on a background with the HunterLab color 13.0650, 4.6794,

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

13.0650, 4.6794, 3.6975

Protanopia

13.2760, -1.0218, 2.9715

Deuteranopia

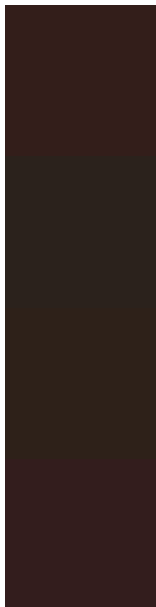
13.1447, 0.6763, 3.9632



Tritanopia

12.9671, 5.5535, 2.1603

Trichromacy



Original Color

13.0650, 4.6794, 3.6975

Protanomaly

13.1965, 0.9543, 3.2125

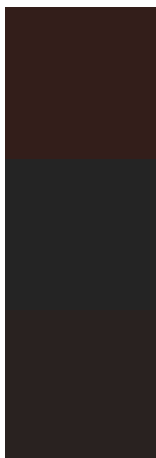
Deuteranomaly

13.1861, 1.9140, 4.0234

Tritanomaly

12.9277, 5.3560, 2.7286

Monochromacy



Original Color

13.0650, 4.6794, 3.6975

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.1139, 0.8324, 1.9172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0650, 4.6794, 3.6975 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(51, 30, 26)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 30, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 30, 26) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0650, 4.6794, 3.6975 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(51, 30, 26) }
```


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

```
.border{ border-color:rgb(51, 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(51, 30, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 30, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 30, 26);  
box-shadow:4px 4px 4px 4px rgb(51, 30, 26)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.0650, 4.6794, 3.6975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 30, 26) }
```

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

```
.background{ background-color: rgb(51, 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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