

Converting Colors

HunterLab(25.2120, -14.0778,
13.4237)

Have a look what the booklet for
HunterLab(25.2120, -14.0778,
13.4237) contains.

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Color

**HunterLab(25.1133,
-13.9730, 13.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	314F17
RGB	49, 79, 23
RGB Percent	19%, 31%, 9%
CMY	0.8078, 0.6902, 0.9098
CMYK	0.38, 0.00, 0.71, 0.69
HSL	92°, 55%, 20%
HSV	92°, 71%, 31%
XYZ	4.2172, 6.3068, 1.8057
YIQ	63.6460, 0.0960, -23.7760

Conversions

Conversions Part 2

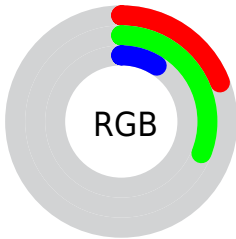
Format	Color
R_{YB}	23, 79, 53
Decimal	3231511
CIE _{Lab}	30.17, -22.01, 28.61
CIE _{LCh}	30, 36.097, 127.579
Yxy	6.3071, 0.3420, 0.5115
Android (android.graphics.Color)	4281421591 (0xFF314F17)
YUV	63.6460, -20.0385, -12.8445
Hunter-Lab	25.1133, -13.9730, 13.3163

Details

The HunterLab color **25.1133, -13.9730, 13.3163** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **13.9082, 16.5524, -22.6750**, and the grayscale version is **22.5875, -1.2052, 1.2272**.

A 20% lighter version of the original color is **42.9706, -17.7471, 18.3991**, and **10.6961, -9.1719, 6.4303** is the 20% darker color. If you saturate the color by 10%, you get **24.8589, -15.1037, 13.9665**, and if you desaturate by 10%, it is **25.4044, -12.6805, 12.4224**.

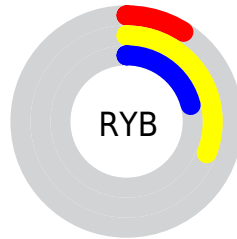
Distribution



 Red (19%)

 Green (31%)

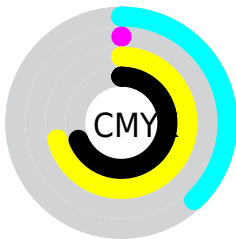
 Blue (9%)




 Red (9%)

 Yellow (31%)

 Blue (21%)

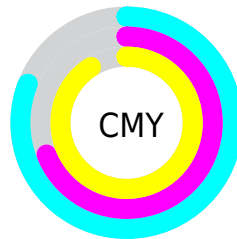


 Cyan (38%)

 Magenta (0%)

 Yellow (71%)

 Black (69%)



 Cyan (81%)

 Magenta (69%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.1133, -13.9730, 13.3163 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 25.1133, -13.9730, 13.3163 by changing the saturation by 10% instead.

■ 25.1133, -13.9730,
13.3163

■ 25.1133, -13.9730,
13.3163

127.1908,
-30.1740, 33.4290

■ 17.4146, -11.7606,
10.7201

■ 43.0871, -17.9542,
18.4607

■ 10.7183, -9.8777,
7.5028

■ 53.2140, -19.8113,
20.8103

■ 1.3890, -2.4308,
0.9723

■ 64.0294, -21.6125,
23.0595

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.4921, -23.3723,
25.2316

0.0000, NaN, NaN

■ 87.5673, -25.1015,
27.3433

0.0000, NaN, NaN

■ 100.2254,

0.0000, NaN, NaN

-26.8078, 29.4073

0.0000, NaN, NaN

■ 113.4408,
-28.4971, 31.4334

■ 25.1133, -13.9730,
13.3163

■ 25.1133, -13.9730,
13.3163

■ 24.8589, -15.1037,
13.9665

■ 25.4044, -12.6805,
12.4224

■ 24.6372, -16.0793,
14.4022

■ 25.7313, -11.2252,
11.2757

■ 24.4532, -16.8975,
14.7721

■ 26.0949, -9.6110,
9.8722

■ 26.4954, -7.8431,
8.2122

■ 26.9327, -5.9283,
6.2993

■ 27.4064, -3.8747,
4.1398

■ 27.9159, -1.6911,
1.7424

■ 28.4605, 0.6131,
-0.8826

■ 29.0395, 3.0284,
-3.7236

Harmonies

Analogous

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



25.1138, -4.3266, 14.8743



25.1133, -13.9730, 13.3163



25.1138, -19.3797, 8.4075

Triad

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



25.1138, -13.9735, 13.3165



25.1138, -9.5859, -28.7579



25.1138, 26.0182, 4.1053

Complementary

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



25.1133, -13.9730, 13.3163



13.9082, 16.5524, -22.6750

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.



25.1138, 23.8830, -8.5827



25.1133, -13.9730, 13.3163



25.1138, 1.7901, -31.7912

Square

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



25.1138, -13.9735, 13.3165



25.1138, -17.1999, -16.1442



25.1138, 14.4185, -23.1431



25.1138, 19.7988, 11.4402

Rectangle

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



25.1133, -13.9730, 13.3163



25.1138, -20.5601, 2.2808



25.1138, 14.4185, -23.1431



25.1138, 26.2716, 0.4176

Sweetspot

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



25.1138, -13.9735, 13.3165



35.0579, -7.9484, 8.4373



20.6360, 4.0780, 10.4579



17.4598, -4.1400, 4.3871



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



25.1138, -13.9735, 13.3165



32.1962, -20.6080, 18.6253



24.1744, -17.7646, 12.3477



13.7801, -1.6978, 1.8110



31.8049, -22.3211, 19.2073



77.0801, -55.7678, 46.5201

Inverse Universe

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



13.9082, 16.5524, -22.6750



15.2498, 26.5045, -39.0119



16.7718, 22.5371, -14.1798



13.0143, 0.2998, -0.4260



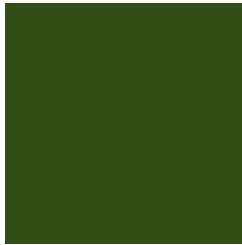
13.2725, 29.9571, -47.4507



31.4527, 71.9383, -119.7870

Previews

White Background



This preview shows how the HunterLab color 25.1133, -13.9730, 13.3163 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

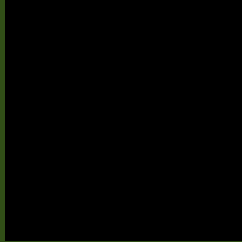
Any Text WCAG AA × Fail

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 25.1133, -13.9730, 13.3163 Background



This preview shows how black text looks on a background with the HunterLab color 25.1133, -13.9730, 13.3163.



This preview shows how white text looks on a background with the HunterLab color 25.1133,

-13.9730, 13.3163.

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

25.1133, -13.9730, 13.3163

Protanopia

25.0322, -3.1830, 13.6886

Deuteranopia

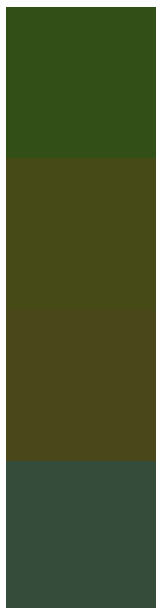
24.8358, 1.3101, 12.8512



Tritanopia

25.1925, -4.5210, -2.4172

Trichromacy



Original Color

25.1133, -13.9730, 13.3163

Protanomaly

24.9413, -7.5209, 13.4326

Deuteranomaly

24.5701, -4.7571, 12.6984

Tritanomaly

25.0378, -8.9174, 5.4740

Monochromacy



Original Color

25.1133, -13.9730, 13.3163

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

23.2547, -6.2607, 6.8114

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.1133, -13.9730, 13.3163 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, 79, 23)` looks like.

```
.text, #text, p{  
    color:rgb(49, 79, 23)  
}
```

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, 79, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 79, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 25.1133, -13.9730, 13.3163 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, 79, 23) }
```


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

```
.border{ border-color:rgb(49, 79, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 79, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 79, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 79, 23);  
box-shadow:4px 4px 4px 4px rgb(49, 79, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.1133, -13.9730, 13.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 79, 23) }
```

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

```
.background{ background-color: rgb(49, 79,  
23) }
```

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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