

Converting Colors

HunterLab(34.1695, -13.7076,
7.7709)

Have a look what the booklet for
HunterLab(34.1695, -13.7076,
7.7709) contains.

HunterLab(34.2710, -13.8660, 7.7449)	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(34.2710,
-13.8660, 7.7449)**

Conversions

Conversions Part 1

Format	Color
Hex	456850
RGB	69, 104, 80
RGB Percent	27%, 41%, 31%
CMY	0.7294, 0.5921, 0.6863
CMYK	0.34, 0.00, 0.23, 0.59
HSL	139°, 20%, 34%
HSV	139°, 34%, 41%
XYZ	8.8525, 11.7450, 9.3899
YIQ	90.7990, -13.1560, -14.8840

Conversions

Conversions Part 2

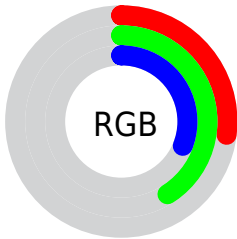
Format	Color
RYB	69, 96, 104
Decimal	4548688
CIELab	40.81, -18.22, 9.58
CIELCh	41, 20.585, 152.252
Yxy	11.7455, 0.2952, 0.3917
Android (android.graphics.Color)	4282738768 (0xFF456850)
YUV	90.7990, -5.3239, -19.1177
Hunter-Lab	34.2710, -13.8660, 7.7449

Details

The HunterLab color **34.2710, -13.8660, 7.7449** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28.2664, 12.5035, -4.0865**, and the grayscale version is **32.2933, -1.7231, 1.7546**.

A 20% lighter version of the original color is **53.7394, -17.1326, 9.9000**, and **17.9715, -10.3951, 5.6461** is the 20% darker color. If you saturate the color by 10%, you get **33.6125, -16.7156, 9.3406**, and if you desaturate by 10%, it is **35.0298, -10.6810, 6.0886**.

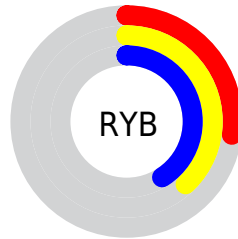
Distribution



 Red (27%)

 Green (41%)

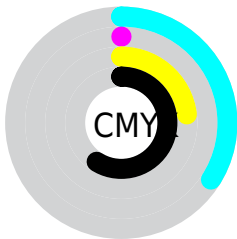
 Blue (31%)



 Red (27%)

 Yellow (38%)

 Blue (41%)

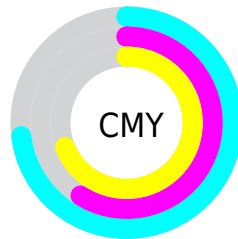


 Cyan (34%)


 Magenta (0%)

 Yellow (23%)

 Black (59%)



 Cyan (73%)

 Magenta (59%)

 Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2710, -13.8660, 7.7449 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 34.2710, -13.8660, 7.7449 by changing the saturation by 10% instead.

■ 34.2710, -13.8660,
7.7449

■ 34.2710, -13.8660,
7.7449

142.3774,
-27.8721, 17.8000

■ 25.6332, -12.1176,
6.6182

■ 53.8802, -17.1528,
9.9512

■ 17.8747, -10.2475,
5.4510

■ 64.7378, -18.7318,
11.0490

■ 11.1104, -8.3156,
4.4000

■ 76.2404, -20.2845,
12.1506

■ 2.9922, -5.2364,
2.0945

■ 88.3534, -21.8189,
13.2591

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.0476,
-23.3410, 14.3769

0.0000, NaN, NaN

114.2975,

0.0000, NaN, NaN

-24.8550, 15.5056

0.0000, NaN, NaN

128.0807,
-26.3645, 16.6464

■ 34.2710, -13.8660,
7.7449

■ 34.2710, -13.8660,
7.7449

■ 33.6125, -16.7156,
9.3406

■ 35.0298, -10.6810,
6.0886

■ 33.0524, -19.2032,
10.8573

■ 35.8855, -7.1888,
4.3874

■ 32.5899, -21.3118,
12.2782

■ 36.8365, -3.4230,
2.6578

■ 32.2223, -23.0336,
13.5877

■ 37.8798, 0.5824,
0.9141

■ 31.9447, -24.3727,
14.7719

■ 39.0118, 4.7942,
-0.8311

■ 31.7467, -25.3611,
15.8168

■ 40.2285, 9.1807,
-2.5675

■ 31.6372, -25.9096,
16.3877

■ 41.5259, 13.7129,
-4.2864

■ 42.8996, 18.3651,
-5.9813

■ 44.3453, 23.1145,
-7.6473

Harmonies

Analogous

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



34.2717, -9.3101, 11.6900



34.2710, -13.8660, 7.7449



34.2717, -15.2867, 1.3127

Triad

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



34.2717, -13.8666, 7.7453



34.2717, -1.2523, -15.2051



34.2717, 11.4734, 8.5059

Complementary

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



34.2710, -13.8660, 7.7449



28.2664, 12.5035, -4.0865

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.



34.2717, 14.0874, 2.4092



34.2710, -13.8660, 7.7449



34.2717, 6.3512, -12.1526

Square

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



34.2717, -13.8666, 7.7453



34.2717, -8.3940, -12.9183



34.2717, 12.1366, -5.2852



34.2717, 5.2674, 12.0570

Rectangle

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



34.2710, -13.8660, 7.7449



34.2717, -14.3737, -3.8485



34.2717, 12.1366, -5.2852



34.2717, 12.8247, 6.7387

Sweetspot

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



34.2717, -13.8666, 7.7453



47.9418, -7.8776, 5.0418



35.6148, -9.2499, 12.4106



23.6174, -4.1417, 2.6068



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



34.2717, -13.8666, 7.7453



44.7286, -21.2301, 11.8466



34.6834, -11.4817, 1.8372



17.7637, -2.6557, 1.7447



35.1174, -28.8143, 18.3082



80.1105, -66.3610, 43.1233

Inverse Universe

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



28.2664, 12.5035, -4.0865



35.1759, 20.8750, -6.9327



27.7873, 10.0978, 2.7096



16.9562, 0.8674, 0.1488



20.4643, 37.7819, -7.9869



46.5606, 85.6586, -15.8202

Previews

White Background



This preview shows how the HunterLab color 34.2710, -13.8660, 7.7449 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 × Fail

Black Background



This preview shows how the HunterLab color 34.2710, -13.8660, 7.7449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

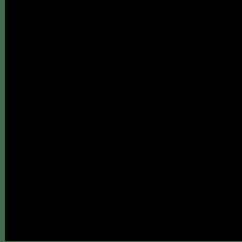
Any Text WCAG AA × Fail

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 34.2710, -13.8660, 7.7449 Background



This preview shows how black text looks on a background with the HunterLab color 34.2710, -13.8660, 7.7449.



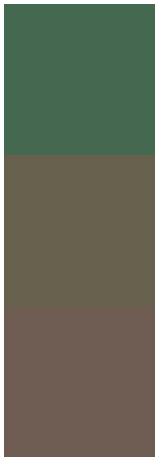
This preview shows how white text looks on a background with the HunterLab color 34.2710,

-13.8660, 7.7449.

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

34.2710, -13.8660, 7.7449

Protanopia

34.2233, -2.6903, 9.1956

Deuteranopia

34.0272, 2.2509, 7.0976



Tritanopia

34.1949, -6.7759, -3.6471

Trichromacy



Original Color

34.2710, -13.8660, 7.7449

Protanomaly

34.1074, -7.2599, 8.6846

Deuteranomaly

33.7531, -4.1352, 7.0519

Tritanomaly

34.0671, -9.2856, 0.7188

Monochromacy



Original Color

34.2710, -13.8660, 7.7449

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.0043, -6.5378, 4.0246

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2710, -13.8660, 7.7449 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(69, 104, 80)` looks like.

```
.text, #text, p{  
    color:rgb(69, 104, 80)  
}
```

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(69, 104, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 104, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2710, -13.8660, 7.7449 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(69, 104, 80) }
```


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

```
.border{ border-color:rgb(69, 104, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 104, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 104, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 104, 80);  
box-shadow:4px 4px 4px 4px rgb(69, 104,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2710, -13.8660, 7.7449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 104, 80) }
```

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

```
.background{ background-color: rgb(69, 104,  
80) }
```

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