

Converting Colors

HunterLab(13.3926, 5.8887,
-2.2225)

Have a look what the booklet for
HunterLab(13.3926, 5.8887, -2.2225)
contains.

HunterLab(13.4714, 5.7245, -2.0862)	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(13.4714, 5.7245,
-2.0862)**

Conversions

Conversions Part 1

Format	Color
Hex	311F2C
RGB	49, 31, 44
RGB Percent	19%, 12%, 17%
CMY	0.8078, 0.8784, 0.8275
CMYK	0.00, 0.37, 0.10, 0.81
HSL	317°, 22%, 16%
HSV	317°, 37%, 19%
XYZ	2.2112, 1.8148, 2.6166
YIQ	37.8640, 6.5550, 7.8590

Conversions

Conversions Part 2

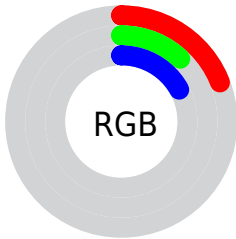
Format	Color
R_YB	49, 31, 44
Decimal	3219244
CIE Lab	14.48, 11.34, -5.16
CIE LCh	14, 12.458, 335.549
Yxy	1.8149, 0.3329, 0.2732
Android (android.graphics.Color)	4281409324 (0xFF311F2C)
YUV	37.8640, 3.0250, 9.7663
Hunter-Lab	13.4714, 5.7245, -2.0862

Details

The HunterLab color **13.4714, 5.7245, -2.0862** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1721, -6.4259, 3.7331**, and the grayscale version is **13.8678, -0.7399, 0.7535**.

A 20% lighter version of the original color is **28.7058, 6.6192, -1.7166**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.5221, 7.5612, -2.8093**, and if you desaturate by 10%, it is **14.4949, 3.8834, -1.3051**.

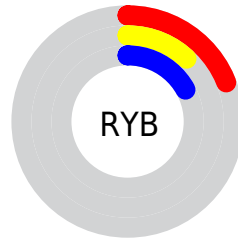
Distribution



Red (19%)

Green (12%)

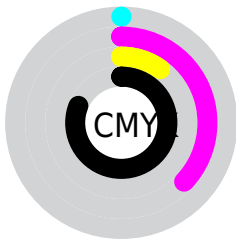
Blue (17%)



Red (19%)

Yellow (12%)

Blue (17%)

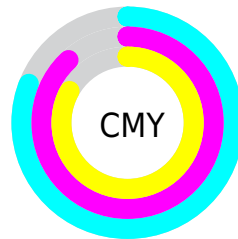


Cyan (0%)

Magenta (37%)

Yellow (10%)

Black (81%)



Cyan (81%)

Magenta (88%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4714, 5.7245, -2.0862 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 13.4714, 5.7245, -2.0862 by changing the saturation by 10% instead.

■ 13.4714, 5.7245,
-2.0862

■ 13.4714, 5.7245,
-2.0862

105.8540, 6.3705,
0.5455

■ 7.0457, 6.6376,
-2.6503

■ 28.7108, 6.4863,
-1.9304

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.6508, 6.6931,
-1.7376

0.0000, NaN, NaN

■ 47.3641, 6.8093,
-1.4818

0.0000, NaN, NaN

■ 57.7934, 6.8471,
-1.1700

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8924, 6.8158,
-0.8076

0.0000, NaN, NaN

■ 80.6230, 6.7223,

0.0000, NaN, NaN

-0.3987

92.9528, 6.5724,
0.0532

13.4714, 5.7245,
-2.0862

13.4714, 5.7245,
-2.0862

12.5221, 7.5612,
-2.8093

14.4949, 3.8834,
-1.3051

11.6566, 9.3638,
-3.4533

15.5825, 2.0584,
-0.4834

10.8866, 11.0850,
-3.9903

16.7267, 0.2592,
0.3673

10.2234, 12.6612,
-4.3877

17.9206, -1.5097,
1.2388

9.6379, 14.1405,
-4.6793

19.1587, -3.2472,
2.1253

■ 9.0227, 15.8620,
-5.0427

■ 20.4362, -4.9547,
3.0229

■ 8.8127, 16.4953,
-5.1831

■ 21.7491, -6.6342,
3.9288

■ 23.0940, -8.2887,
4.8413

■ 24.4682, -9.9210,
5.7593

Harmonies

Analogous

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



13.4717, 3.2724, -5.3312



13.4714, 5.7245, -2.0862



13.4717, 6.3810, 1.3177

Triad

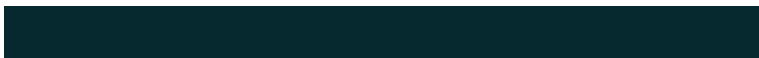
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



13.4717, 5.7240, -2.0859



13.4717, -1.3424, 5.5616



13.4717, -5.6115, -3.3805

Complementary

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



13.4714, 5.7245, -2.0862



16.1721, -6.4259, 3.7331

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.



13.4717, -6.5988, 0.1215



13.4714, 5.7245, -2.0862



13.4717, -4.2947, 4.8570

Square

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



13.4717, 5.7240, -2.0859



13.4717, 2.0784, 5.2358



13.4717, -6.1415, 3.0502



13.4717, -3.3063, -6.1985

Rectangle

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



13.4714, 5.7245, -2.0862



13.4717, 5.6620, 3.1371



13.4717, -6.1415, 3.0502



13.4717, -6.0976, -2.2158

Sweetspot

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



13.4717, 5.7240, -2.0859



20.8029, 1.4554, -0.0638



12.5431, 3.1677, -5.9508



11.4051, 0.8182, -0.0442



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.



13.4717, 5.7240, -2.0859



16.1567, 9.6507, -3.5851



13.2498, 4.6058, 1.0594



9.4508, 0.3079, 0.1329



15.8481, 29.5089, -8.1201



41.3908, 76.7260, -18.5485

Inverse Universe

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



13.4717, 5.7240, -2.0859



16.1567, 9.6507, -3.5851



16.3582, -5.3488, 1.0608



9.4508, 0.3079, 0.1329



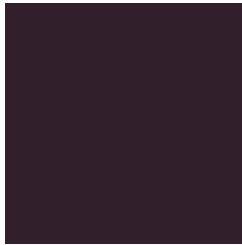
15.8481, 29.5089, -8.1201



41.3908, 76.7260, -18.5485

Previews

White Background



This preview shows how the HunterLab color 13.4714, 5.7245, -2.0862 looks on a white background.

Color Contrast Check

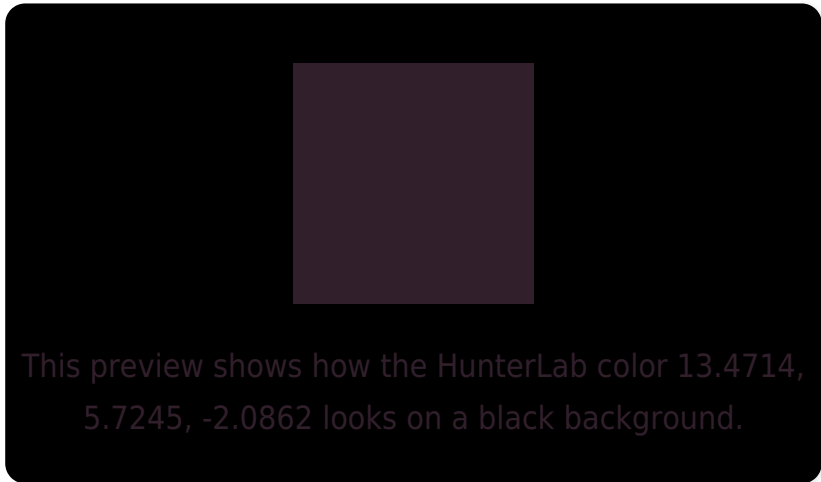
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4714, 5.7245, -2.0862 Background



This preview shows how black text looks on a background with the HunterLab color 13.4714, 5.7245, -2.0862.



This preview shows how white text looks on a background with the HunterLab color 13.4714, 5.7245,

-2.0862.

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

13.4714, 5.7245, -2.0862

Protanopia

13.6990, 0.1946, -3.6579

Deuteranopia

13.5950, 0.7123, -1.5778



Tritanopia

13.5552, 3.4862, 1.4586

Trichromacy



Original Color

13.4714, 5.7245, -2.0862

Protanomaly

13.5596, 1.9514, -3.3696

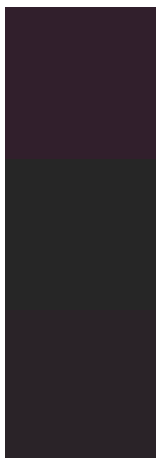
Deuteranomaly

13.4563, 2.4900, -1.7349

Tritanomaly

13.4214, 4.2461, 0.2440

Monochromacy



Original Color

13.4714, 5.7245, -2.0862

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

13.5923, 1.6757, -0.3519

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4714, 5.7245, -2.0862 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, 31, 44)` looks like.

```
.text, #text, p{  
    color:rgb(49, 31, 44)  
}
```

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, 31, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 31, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4714, 5.7245, -2.0862 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, 31, 44) }
```


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

```
.border{ border-color:rgb(49, 31, 44) }
```

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

Here you see how a box with a 4 pixel rgb(49, 31, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 31, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 31, 44);  
box-shadow:4px 4px 4px 4px rgb(49, 31, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4714, 5.7245, -2.0862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 31, 44) }
```

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

```
.background{ background-color: rgb(49, 31,  
44) }
```

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