

Converting Colors

HunterLab(13.8898, 5.0297,
-2.3723)

Have a look what the booklet for
HunterLab(13.8898, 5.0297, -2.3723)
contains.

HunterLab(13.9210, 5.1762, -2.3400)	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(13.9210, 5.1762,
-2.3400)**

Conversions

Conversions Part 1

Format	Color
Hex	31212E
RGB	49, 33, 46
RGB Percent	19%, 13%, 18%
CMY	0.8078, 0.8706, 0.8196
CMYK	0.00, 0.33, 0.06, 0.81
HSL	311°, 20%, 16%
HSV	311°, 33%, 19%
XYZ	2.3036, 1.9379, 2.8374
YIQ	39.2660, 5.3630, 7.4350

Conversions

Conversions Part 2

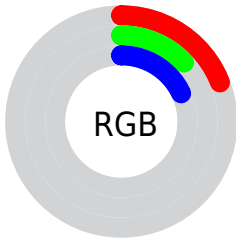
Format	Color
R_{YB}	49, 33, 46
Decimal	3219758
CIE Lab	15.16, 10.39, -5.57
CIE LCh	15, 11.795, 331.800
Yxy	1.9380, 0.3254, 0.2738
Android (android.graphics.Color)	4281409838 (0xFF31212E)
YUV	39.2660, 3.3199, 8.5367
Hunter-Lab	13.9210, 5.1762, -2.3400

Details

The HunterLab color **13.9210, 5.1762, -2.3400** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.2708, -6.0498, 3.8377**, and the grayscale version is **14.3183, -0.7640, 0.7779**.

A 20% lighter version of the original color is **29.1777, 5.8640, -2.4930**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.9553, 7.0827, -3.2925**, and if you desaturate by 10%, it is **14.9583, 3.2750, -1.3513**.

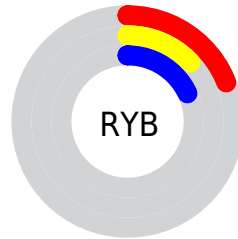
Distribution



Red (19%)

Green (13%)

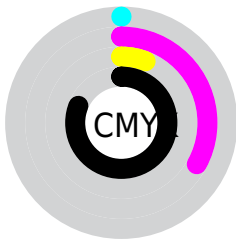
Blue (18%)



Red (19%)

Yellow (13%)

Blue (18%)

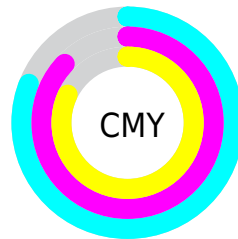


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (81%)



Cyan (81%)

Magenta (87%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.9210, 5.1762, -2.3400 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 13.9210, 5.1762, -2.3400 by changing the saturation by 10% instead.

■ 13.9210, 5.1762,
-2.3400

■ 13.9210, 5.1762,
-2.3400

■ 106.7442, 5.3292,
0.1460

■ 7.5570, 5.5900,
-2.6519

■ 29.2881, 5.7990,
-2.2213

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.2824, 5.9452,
-2.0459

0.0000, NaN, NaN

■ 48.0457, 6.0052,
-1.8069

0.0000, NaN, NaN

■ 58.5214, 5.9904,
-1.5112

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.6642, 5.9095,
-1.1642

0.0000, NaN, NaN

■ 81.4362, 5.7689,

0.0000, NaN, NaN

-0.7701

93.8054, 5.5741,
-0.3324

13.9210, 5.1762,
-2.3400

13.9210, 5.1762,
-2.3400

12.9553, 7.0827,
-3.2925

14.9583, 3.2750,
-1.3513

12.0701, 8.9683,
-4.1894

16.0574, 1.3967,
-0.3415

11.2767, 10.7907,
-5.0028

17.2112, -0.4510,
0.6802

10.5863, 12.4908,
-5.6978

18.4133, -2.2647,
1.7077

10.0024, 14.0166,
-6.2478

19.6584, -4.0445,
2.7373

■ 9.4217, 15.6640,
-6.8283

■ 20.9419, -5.7921,
3.7669

■ 8.9716, 17.0576,
-7.3293

■ 22.2601, -7.5100,
4.7953

■ 23.6096, -9.2014,
5.8220

■ 24.9877, -10.8694,
6.8470

Harmonies

Analogous

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



13.9213, 2.6895, -5.2701



13.9210, 5.1762, -2.3400



13.9213, 6.0378, 0.9424

Triad

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



13.9213, 5.1758, -2.3397



13.9213, -0.9384, 5.4709



13.9213, -5.6472, -2.7362

Complementary

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



13.9210, 5.1762, -2.3400



16.2708, -6.0498, 3.8377

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.



13.9213, -6.4331, 0.5706



13.9210, 5.1762, -2.3400



13.9213, -3.8731, 4.9083

Square

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



13.9213, 5.1758, -2.3397



13.9213, 2.3207, 5.0302



13.9213, -5.8140, 3.2748



13.9213, -3.5637, -5.5334

Rectangle

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



13.9210, 5.1762, -2.3400



13.9213, 5.5179, 2.7816



13.9213, -5.8140, 3.2748



13.9213, -6.0628, -1.6245

Sweetspot

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



13.9213, 5.1758, -2.3397



20.9738, 1.2928, -0.1633



12.9747, 2.3818, -5.2417



11.4869, 0.7493, -0.1114



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.



13.9213, 5.1758, -2.3397



16.8581, 8.7398, -4.0534



13.7155, 4.1285, 0.5720



9.4561, 0.3361, 0.0584



16.1582, 30.6086, -12.3282



42.2519, 79.7863, -30.2830

Inverse Universe

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



13.9213, 5.1758, -2.3397



16.8581, 8.7398, -4.0534



16.4358, -5.0984, 1.4660



9.4561, 0.3361, 0.0584



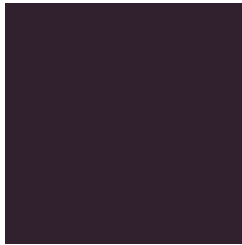
16.1582, 30.6086, -12.3282



42.2519, 79.7863, -30.2830

Previews

White Background



This preview shows how the HunterLab color 13.9210, 5.1762, -2.3400 looks on a white background.

Color Contrast Check

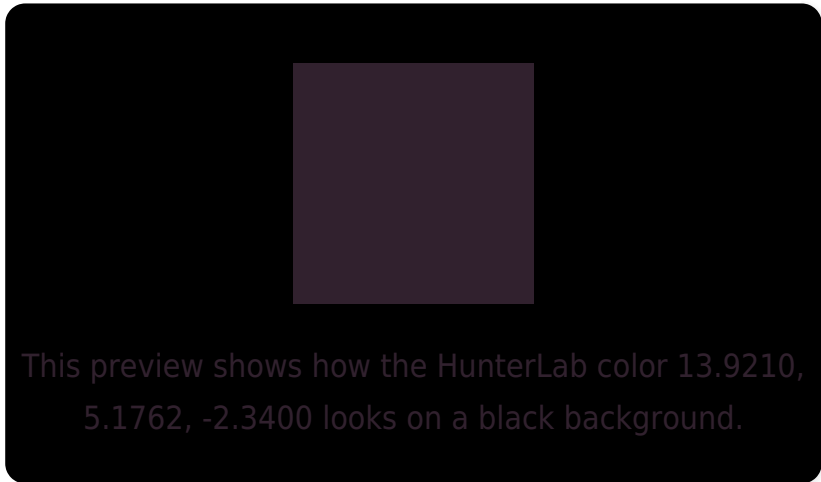
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.9210, 5.1762, -2.3400 Background



This preview shows how black text looks on a background with the HunterLab color 13.9210, 5.1762, -2.3400.



This preview shows how white text looks on a background with the HunterLab color 13.9210, 5.1762, -2.3400.

-2.3400.

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

13.9210, 5.1762, -2.3400

Protanopia

14.0189, 0.1765, -3.6477

Deuteranopia

13.9425, 0.8463, -1.9512



Tritanopia

14.0143, 2.9089, 1.2817

Trichromacy



Original Color

13.9210, 5.1762, -2.3400

Protanomaly

13.8790, 1.9414, -3.3594

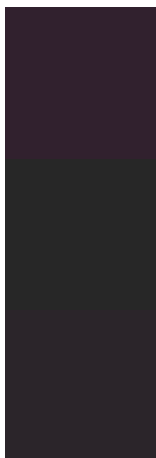
Deuteranomaly

14.0172, 2.2223, -1.8248

Tritanomaly

13.8767, 3.6799, 0.0380

Monochromacy



Original Color

13.9210, 5.1762, -2.3400

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.1559, 1.4015, -0.4272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.9210, 5.1762, -2.3400 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, 33, 46)` looks like.

```
.text, #text, p{  
    color:rgb(49, 33, 46)  
}
```

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, 33, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 33, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 13.9210, 5.1762, -2.3400 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, 33, 46) }
```


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

```
.border{ border-color:rgb(49, 33, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 33, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 33, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 33, 46);  
box-shadow:4px 4px 4px 4px rgb(49, 33, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.9210, 5.1762, -2.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 33, 46) }
```

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

```
.background{ background-color: rgb(49, 33,  
46) }
```

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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