

Converting Colors

HunterLab(13.8445, -5.2182,
3.8190)

Have a look what the booklet for
HunterLab(13.8445, -5.2182, 3.8190)
contains.

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Color

**HunterLab(13.8441, -5.1263,
3.7359)**

Conversions

Conversions Part 1

Format	Color
Hex	1C291C
RGB	28, 41, 28
RGB Percent	11%, 16%, 11%
CMY	0.8902, 0.8392, 0.8902
CMYK	0.32, 0.00, 0.32, 0.84
HSL	120°, 19%, 14%
HSV	120°, 32%, 16%
XYZ	1.4814, 1.9166, 1.3905
YIQ	35.6310, -3.5750, -6.7990

Conversions

Conversions Part 2

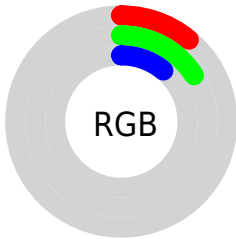
Format	Color
R_{YB}	28, 41, 41
Decimal	1845532
CIE Lab	15.04, -8.91, 6.78
CIE LCh	15, 11.194, 142.755
Yxy	1.9167, 0.3094, 0.4003
Android (android.graphics.Color)	4280035612 (0xFF1C291C)
YUV	35.6310, -3.7621, -6.6924
Hunter-Lab	13.8441, -5.1263, 3.7359

Details

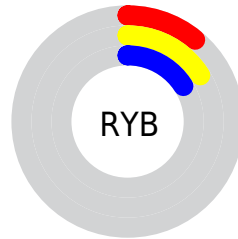
The HunterLab color **13.8441, -5.1263, 3.7359** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.0915, 4.3788, -2.7594**, and the grayscale version is **13.1775, -0.7031, 0.7160**.

A 20% lighter version of the original color is **29.1346, -7.2552, 5.6942**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.5811, -6.2714, 4.5098**, and if you desaturate by 10%, it is **14.1403, -3.8681, 2.8856**.

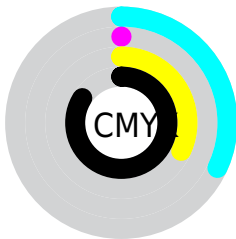
Distribution



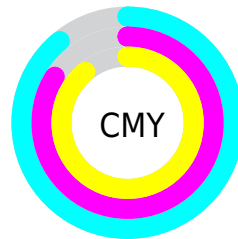
- Red (11%)
- Green (16%)
- Blue (11%)



- Red (11%)
- Yellow (16%)
- Blue (16%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (84%)



- Cyan (89%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8441, -5.1263, 3.7359 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 13.8441, -5.1263, 3.7359 by changing the saturation by 10% instead.

■ 13.8441, -5.1263,
3.7359

■ 13.8441, -5.1263,
3.7359

106.5925,
-14.8022, 12.2887

■ 7.4724, -5.5956,
4.1651

■ 29.1895, -7.3360,
5.6144

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.1746, -8.3991,
6.5374

0.0000, NaN, NaN

■ 47.9294, -9.4544,
7.4645

0.0000, NaN, NaN

■ 58.3972, -10.5095,
8.4009

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.5325, -11.5691,
9.3498

0.0000, NaN, NaN

■ 81.2975, -12.6364,

0.0000, NaN, NaN

10.3133

■ 93.6600, -13.7136,
11.2927

■ 13.8441, -5.1263,
3.7359

■ 13.8441, -5.1263,
3.7359

■ 13.5811, -6.2714,
4.5098

■ 14.1403, -3.8681,
2.8856

■ 13.3506, -7.2938,
5.2009

■ 14.4680, -2.5063,
1.9654

■ 13.1530, -8.1862,
5.8043

■ 14.8269, -1.0516,
0.9827

■ 12.9878, -8.9438,
6.3165

■ 15.2158, 0.4850,
-0.0552

■ 12.8483, -9.5926,
6.7552

■ 15.6337, 2.0932,
-1.1413

■ 12.7096, -10.2456,
7.1967

■ 16.0793, 3.7630,
-2.2687

■ 12.5935, -10.7988,
7.5708

■ 16.5513, 5.4853,
-3.4314

■ 17.0485, 7.2518,
-4.6237

■ 17.5696, 9.0551,
-5.8405

Harmonies

Analogous

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



13.8444, -2.9466, 4.9916



13.8441, -5.1263, 3.7359



13.8444, -6.1154, 1.4423

Triad

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



13.8444, -5.1266, 3.7361



13.8444, -1.4751, -6.0434



13.8444, 5.1269, 2.7519

Complementary

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



13.8441, -5.1263, 3.7359



12.0915, 4.3788, -2.7594

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.



13.8444, 5.6072, 0.0275



13.8441, -5.1263, 3.7359



13.8444, 1.6152, -5.4792

Square

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



13.8444, -5.1266, 3.7361



13.8444, -4.1296, -4.4949



13.8444, 4.2727, -3.0881



13.8444, 3.0120, 4.5157

Rectangle

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



13.8441, -5.1263, 3.7359



13.8444, -6.0326, -0.5425



13.8444, 4.2727, -3.0881



13.8444, 5.4919, 1.9354

Sweetspot

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



13.8444, -5.1266, 3.7361



18.5601, -3.0126, 2.3836



14.6329, -2.2222, 4.5265



10.5090, -1.7166, 1.3570



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

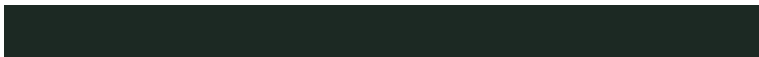
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13.8444, -5.1266, 3.7361



17.4191, -7.8436, 5.6482



13.9687, -4.4099, 1.9448



8.3156, -1.1222, 0.9132



25.2269, -21.6320, 15.1658



68.4925, -58.7322, 41.1764

Inverse Universe

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



12.0915, 4.3788, -2.7594



14.6045, 7.4674, -4.8143



11.9179, 3.4936, -0.3137



8.0577, 0.2703, -0.0384



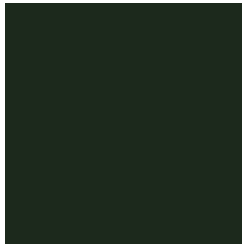
15.9190, 31.2971, -20.9946



43.2210, 84.9733, -57.0012

Previews

White Background



This preview shows how the HunterLab color 13.8441, -5.1263, 3.7359 looks on a white background.

Color Contrast Check

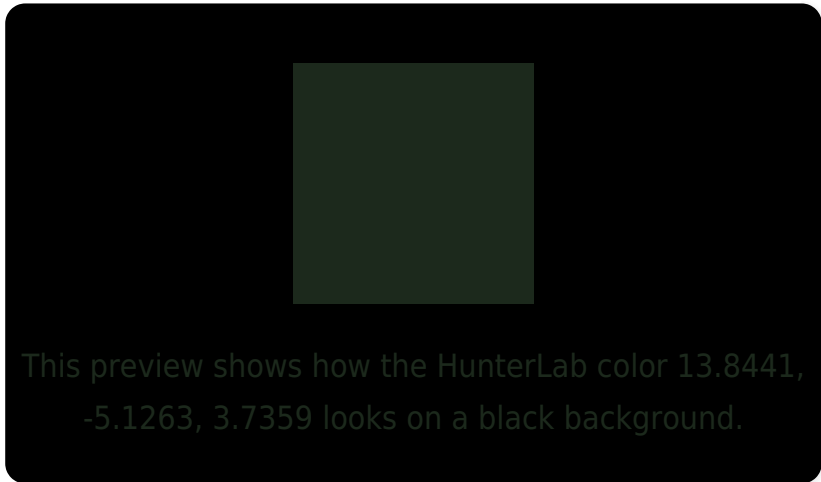
Large Text (above 18pt) WCAG AA ✓ Pass

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

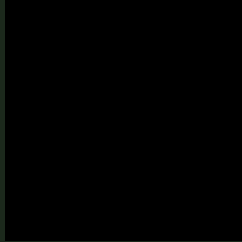
Any Text WCAG AA × Fail

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 13.8441, -5.1263, 3.7359 Background



This preview shows how black text looks on a background with the HunterLab color 13.8441, -5.1263, 3.7359.



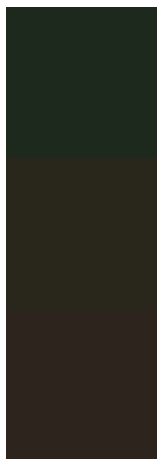
This preview shows how white text looks on a background with the HunterLab color 13.8441, -5.1263, 3.7359.

3.7359.

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

13.8441, -5.1263, 3.7359

Protanopia

13.9168, -1.1980, 4.1369

Deuteranopia

13.7329, 0.5511, 3.4533



Tritanopia

13.8185, -2.1128, -0.9206

Trichromacy



Original Color

13.8441, -5.1263, 3.7359

Protanomaly

13.8030, -2.8059, 4.0023

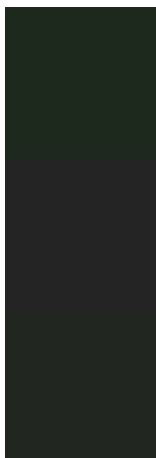
Deuteranomaly

13.7368, -1.7645, 3.4166

Tritanomaly

13.8823, -3.3591, 1.0202

Monochromacy



Original Color

13.8441, -5.1263, 3.7359

Achromatopsia

13.2823, -0.7087, 0.7217

Achromatomaly

13.4884, -2.4994, 1.9431

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8441, -5.1263, 3.7359 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(28, 41, 28)` looks like.

```
.text, #text, p{  
    color:rgb(28, 41, 28)  
}
```

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(28, 41, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 41, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8441, -5.1263, 3.7359 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(28, 41, 28) }
```


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

```
.border{ border-color:rgb(28, 41, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 41, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 41, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 41, 28);  
box-shadow:4px 4px 4px 4px rgb(28, 41, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.8441, -5.1263, 3.7359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 41, 28) }
```

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

```
.background{ background-color: rgb(28, 41,  
28) }
```

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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