

Converting Colors

HunterLab(13.9491, -3.7252,
3.5136)

Have a look what the booklet for
HunterLab(13.9491, -3.7252, 3.5136)
contains.

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Color

**HunterLab(13.8911, -3.6497,
3.5344)**

Conversions

Conversions Part 1

Format	Color
Hex	21281D
RGB	33, 40, 29
RGB Percent	13%, 16%, 11%
CMY	0.8706, 0.8431, 0.8863
CMYK	0.18, 0.00, 0.28, 0.84
HSL	98°, 16%, 14%
HSV	98°, 28%, 16%
XYZ	1.6078, 1.9296, 1.4501
YIQ	36.6530, -0.6410, -4.9050

Conversions

Conversions Part 2

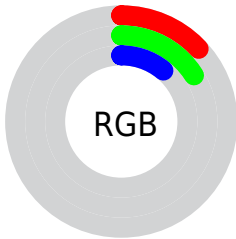
Format	Color
R_{YB}	29, 40, 36
Decimal	2172957
CIE _{Lab}	15.11, -5.76, 6.24
CIE _{LCh}	15, 8.490, 132.722
Yxy	1.9297, 0.3224, 0.3869
Android (android.graphics.Color)	4280363037 (0xFF21281D)
YUV	36.6530, -3.7729, -3.2037
Hunter-Lab	13.8911, -3.6497, 3.5344

Details

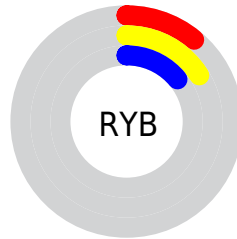
The HunterLab color **13.8911, -3.6497, 3.5344** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.8619, 2.5662, -2.6804**, and the grayscale version is **13.5027, -0.7205, 0.7336**.

A 20% lighter version of the original color is **29.2503, -5.3482, 5.1535**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.6776, -4.5806, 4.3610**, and if you desaturate by 10%, it is **14.1224, -2.6562, 2.6148**.

Distribution



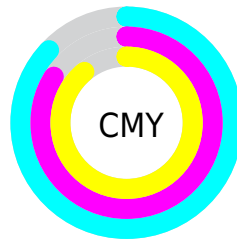
- Red (13%)
- Green (16%)
- Blue (11%)



- Red (11%)
- Yellow (16%)
- Blue (14%)



- Cyan (18%)
- Magenta (0%)
- Yellow (28%)
- Black (84%)



- Cyan (87%)
- Magenta (84%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8911, -3.6497, 3.5344 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 13.8911, -3.6497, 3.5344 by changing the saturation by 10% instead.

■ 13.8911, -3.6497,
3.5344

■ 13.8911, -3.6497,
3.5344

106.6852,
-11.6234, 11.7961

■ 7.5243, -3.7376,
3.8456

■ 29.2498, -5.3535,
5.3243

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.2405, -6.2059,
6.2111

0.0000, NaN, NaN

■ 48.0005, -7.0688,
7.1053

0.0000, NaN, NaN

■ 58.4731, -7.9458,
8.0115

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.6130, -8.8387,
8.9323

0.0000, NaN, NaN

■ 81.3823, -9.7488,

0.0000, NaN, NaN

9.8694

■ 93.7489, -10.6770,
10.8238

■ 13.8911, -3.6497,
3.5344

■ 13.8911, -3.6497,
3.5344

■ 13.6776, -4.5806,
4.3610

■ 14.1224, -2.6562,
2.6148

■ 13.4811, -5.4442,
5.0914

■ 14.3703, -1.6033,
1.6052

■ 13.3021, -6.2375,
5.7238

■ 14.6347, -0.4955,
0.5100

■ 13.1405, -6.9578,
6.2573

■ 14.9154, 0.6629,
-0.6666

■ 12.9961, -7.6045,
6.6959

■ 15.2118, 1.8675,
-1.9198

■ 12.8631, -8.2090,
7.1207

■ 15.5235, 3.1142,
-3.2448

■ 12.7394, -8.7831,
7.5626

■ 15.8500, 4.3989,
-4.6368

■ 12.7100, -8.9217,
7.6756

■ 16.1908, 5.7178,
-6.0910

■ 16.5455, 7.0673,
-7.6028

Harmonies

Analogous

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



13.8914, -1.7139, 4.3012



13.8911, -3.6497, 3.5344



13.8914, -4.7627, 1.9622

Triad

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



13.8914, -3.6500, 3.5346



13.8914, -2.0465, -3.9548



13.8914, 3.8992, 1.6615

Complementary

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



13.8911, -3.6497, 3.5344



11.8619, 2.5662, -2.6804

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.



13.8914, 3.7955, -0.5688



13.8911, -3.6497, 3.5344



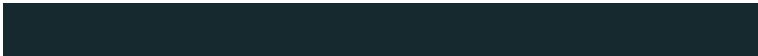
13.8914, 0.2575, -4.0713

Square

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



13.8914, -3.6500, 3.5346



13.8914, -3.8796, -2.4538



13.8914, 2.4269, -2.7496



13.8914, 2.7016, 3.3457

Rectangle

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



13.8911, -3.6497, 3.5344



13.8914, -4.9360, 0.5524



13.8914, 2.4269, -2.7496



13.8914, 4.0175, 0.9568

Sweetspot

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



13.8914, -3.6500, 3.5346



17.9178, -2.1337, 2.1325



13.4151, -0.4998, 3.1200



9.8549, -1.1917, 1.1905



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



13.8914, -3.6500, 3.5346



17.1495, -5.4334, 5.1957



13.6931, -4.3326, 2.9069



8.3599, -0.9652, 0.9654



25.7858, -19.2698, 15.5517



69.6335, -53.8939, 41.9643

Inverse Universe

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



11.8619, 2.5662, -2.6804



13.9571, 4.3685, -4.6279



12.1380, 3.3620, -1.6413



8.0093, 0.1054, -0.1015



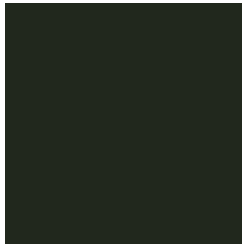
11.8928, 25.7686, -34.1891



31.4026, 68.8584, -96.6101

Previews

White Background



This preview shows how the HunterLab color 13.8911, -3.6497, 3.5344 looks on a white background.

Color Contrast Check

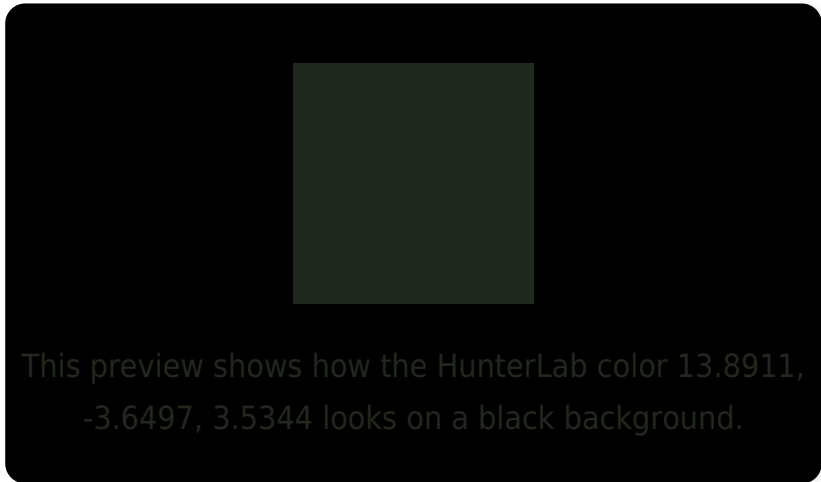
Large Text (above 18pt) WCAG AA ✓ Pass

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

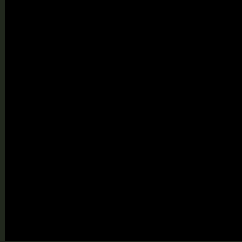
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

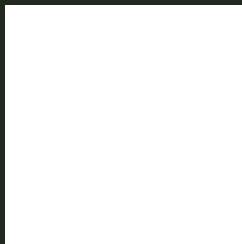
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 13.8911, -3.6497, 3.5344 Background



This preview shows how black text looks on a background with the HunterLab color 13.8911, -3.6497, 3.5344.

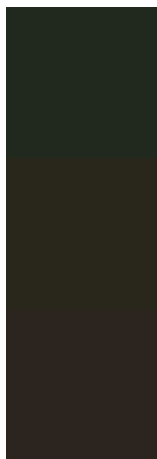


This preview shows how white text looks on a background with the HunterLab color 13.8911, -3.6497,

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

13.8911, -3.6497, 3.5344

Protanopia

13.9337, -1.1049, 3.8918

Deuteranopia

13.7512, 0.6496, 3.1889



Tritanopia

13.7973, -1.0328, -0.5311

Trichromacy



Original Color

13.8911, -3.6497, 3.5344

Protanomaly

13.9533, -2.2301, 3.8907

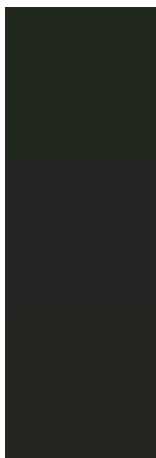
Deuteranomaly

13.6674, -0.7886, 3.0796

Tritanomaly

13.8733, -2.1592, 1.0308

Monochromacy



Original Color

13.8911, -3.6497, 3.5344

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.6996, -1.7015, 1.8622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8911, -3.6497, 3.5344 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(33, 40, 29)` looks like.

```
.text, #text, p{  
    color:rgb(33, 40, 29)  
}
```

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(33, 40, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 40, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8911, -3.6497, 3.5344 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(33, 40, 29) }
```


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

```
.border{ border-color:rgb(33, 40, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 40, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 40, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 40, 29);  
box-shadow:4px 4px 4px 4px rgb(33, 40, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.8911, -3.6497, 3.5344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 40, 29) }
```

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

```
.background{ background-color: rgb(33, 40,  
29) }
```

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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