

Converting Colors

HunterLab(12.1357, -1.4798,
1.4511)

Have a look what the booklet for
HunterLab(12.1357, -1.4798, 1.4511)
contains.

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Color

**HunterLab(12.1357, -1.4798,
1.4511)**

Conversions

Conversions Part 1

Format	Color
Hex	1F211E
RGB	31, 33, 30
RGB Percent	12%, 13%, 12%
CMY	0.8784, 0.8706, 0.8824
CMYK	0.06, 0.00, 0.09, 0.87
HSL	100°, 5%, 12%
HSV	100°, 9%, 13%
XYZ	1.3433, 1.4728, 1.4418
YIQ	32.0600, -0.2290, -1.3570

Conversions

Conversions Part 2

Format	Color
RYB	30, 33, 32
Decimal	2040094
CIELab	12.43, -1.67, 1.71
CIELCh	12, 2.391, 134.412
Yxy	1.4728, 0.3155, 0.3459
Android (android.graphics.Color)	4280230174 (0xFF1F211E)
YUV	32.0600, -1.0156, -0.9296
Hunter-Lab	12.1357, -1.4798, 1.4511




Details

The HunterLab color **12.1357, -1.4798, 1.4511** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.5995, 0.2374, -0.2033**, and the grayscale version is **12.0404, -0.6424, 0.6542**.




A 20% lighter version of the original color is **27.0149, -2.4009, 2.3858**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9324, -2.3425, 2.2493**, and if you desaturate by 10%, it is **12.3528, -0.5741, 0.5893**.

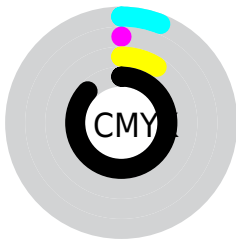
Distribution







-  Red (12%)
-  Green (13%)
-  Blue (12%)






-  Red (12%)
-  Yellow (13%)
-  Blue (13%)



-  Cyan (6%)
-  Magenta (0%)
-  Yellow (9%)
-  Black (87%)



-  Cyan (88%)
-  Magenta (87%)
-  Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1357, -1.4798, 1.4511 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 12.1357, -1.4798, 1.4511 by changing the saturation by 10% instead.

■ 12.1357, -1.4798,
1.4511

■ 12.1357, -1.4798,
1.4511

103.1641, -7.2256,
7.2728

■ 5.1911, -1.6819,
1.6464

■ 26.9799, -2.5329,
2.5156

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.7531, -3.1106,
3.1003

0.0000, NaN, NaN

■ 45.3130, -3.7212,
3.7186

0.0000, NaN, NaN

■ 55.5995, -4.3634,
4.3694

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.5646, -5.0361,
5.0513

0.0000, NaN, NaN

■ 78.1685, -5.7380,

0.0000, NaN, NaN

5.7633

■ 90.3779, -6.4682,
6.5041

■ 12.1357, -1.4798,
1.4511

■ 12.1357, -1.4798,
1.4511

■ 11.9324, -2.3425,
2.2493

■ 12.3528, -0.5741,
0.5893

■ 11.7423, -3.1581,
2.9803

■ 12.5827, 0.3720,
-0.3333

■ 11.5661, -3.9237,
3.6416

■ 12.8251, 1.3548,
-1.3131

■ 11.4037, -4.6363,
4.2310

■ 13.0799, 2.3712,
-2.3464

■ 11.2553, -5.2932,
4.7468

■ 13.3466, 3.4179,
-3.4298

■ 11.1210, -5.8921,
5.1880

■ 13.6248, 4.4920,
-4.5596

■ 10.9978, -6.4480,
5.5958

■ 13.9141, 5.5905,
-5.7325

■ 10.8823, -6.9805,
6.0203

■ 14.2142, 6.7110,
-6.9452

■ 10.7745, -7.4886,
6.4608

■ 14.5246, 7.8509,
-8.1946

Harmonies

Analogous

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



12.1360, -0.9467, 1.7193



12.1357, -1.4798, 1.4511



12.1360, -1.7873, 0.9646

Triad

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



12.1360, -1.4801, 1.4513



12.1360, -0.9703, -0.4963



12.1360, 0.5412, 0.9425

Complementary

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



12.1357, -1.4798, 1.4511



11.5995, 0.2374, -0.2033

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.



12.1360, 0.5345, 0.3485



12.1357, -1.4798, 1.4511



12.1360, -0.3468, -0.5030

Square

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



12.1360, -1.4801, 1.4513



12.1360, -1.4971, -0.1694



12.1360, 0.2067, -0.1872



12.1360, 0.2247, 1.4358

Rectangle

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



12.1357, -1.4798, 1.4511



12.1360, -1.8265, 0.5721



12.1360, 0.2067, -0.1872



12.1360, 0.5769, 0.7485

Sweetspot

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



12.1360, -1.4801, 1.4513



15.5670, -1.2112, 1.2105



12.0422, -0.6464, 1.3614



9.1831, -0.7359, 0.7345



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.1360, -1.4801, 1.4513



15.3348, -2.1860, 2.1295



12.0835, -1.6453, 1.2244



6.9057, -0.7562, 0.7448



24.1314, -18.3064, 14.5492



67.5768, -53.1614, 40.7098

Inverse Universe

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



11.5995, 0.2374, -0.2033



14.4497, 0.6482, -0.6015



11.6574, 0.4102, 0.0574



6.6564, 0.0415, -0.0237



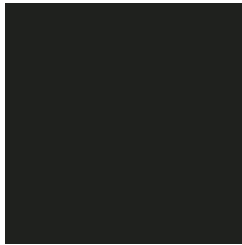
11.4648, 24.5639, -30.8091



31.4069, 68.0588, -90.3517

Previews

White Background



This preview shows how the HunterLab color 12.1357, -1.4798, 1.4511 looks on a white background.

Color Contrast Check

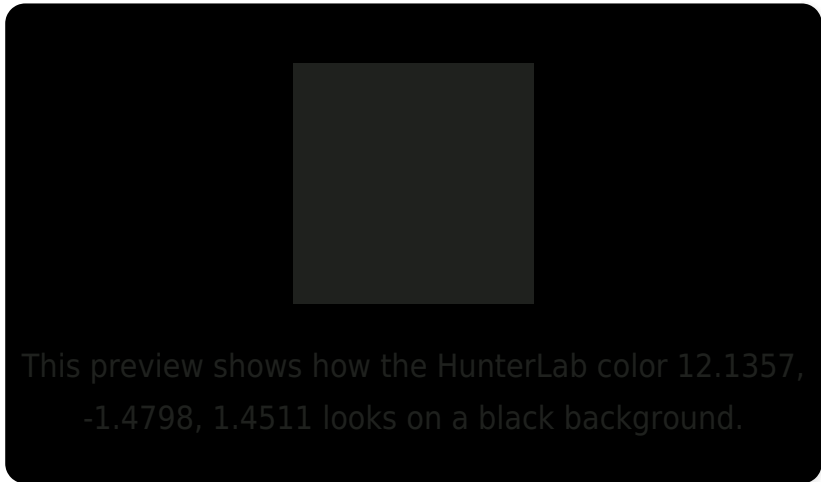
Large Text (above 18pt) WCAG AA ✓ Pass

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

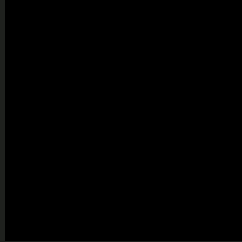
Any Text WCAG AA × Fail

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 12.1357, -1.4798, 1.4511 Background



This preview shows how black text looks on a background with the HunterLab color 12.1357, -1.4798, 1.4511.



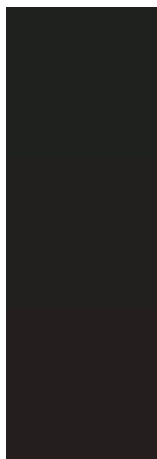
This preview shows how white text looks on a background with the HunterLab color 12.1357, -1.4798,

1.4511.

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

12.1357, -1.4798, 1.4511

Protanopia

12.1113, -0.4059, 1.4428

Deuteranopia

12.0365, 0.4673, 1.3746



Tritanopia

12.0890, -0.2546, -0.3538

Trichromacy



Original Color

12.1357, -1.4798, 1.4511

Protanomaly

12.0420, -0.6464, 1.3613

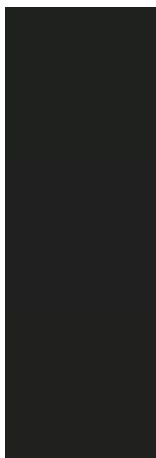
Deuteranomaly

12.1113, -0.4059, 1.4428

Tritanomaly

12.0412, -0.5157, 0.3259

Monochromacy



Original Color

12.1357, -1.4798, 1.4511

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.9960, -0.7636, 0.9714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1357, -1.4798, 1.4511 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(31, 33, 30)` looks like.

```
.text, #text, p{  
    color:rgb(31, 33, 30)  
}
```

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(31, 33, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 33, 30) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1357, -1.4798, 1.4511 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(31, 33, 30) }
```


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

```
.border{ border-color:rgb(31, 33, 30) }
```

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

Here you see how a box with a 4 pixel rgb(31, 33, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 33, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 33, 30);  
box-shadow:4px 4px 4px 4px rgb(31, 33, 30)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.1357, -1.4798, 1.4511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 33, 30) }
```

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

```
.background{ background-color: rgb(31, 33,  
30) }
```

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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