

Converting Colors

HunterLab(13.5022, -5.0828,
0.3184)

Have a look what the booklet for
HunterLab(13.5022, -5.0828, 0.3184)
contains.

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Color

**HunterLab(13.4397, -4.9633,
0.1050)**

Conversions

Conversions Part 1

Format	Color
Hex	142826
RGB	20, 40, 38
RGB Percent	8%, 16%, 15%
CMY	0.9216, 0.8431, 0.8510
CMYK	0.50, 0.00, 0.05, 0.84
HSL	174°, 33%, 12%
HSV	174°, 50%, 16%
XYZ	1.3971, 1.8063, 2.1087
YIQ	33.7920, -11.2780, -4.8620

Conversions

Conversions Part 2

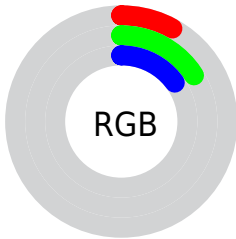
Format	Color
RYB	20, 31, 40
Decimal	1320998
CIELab	14.44, -8.71, -1.23
CIElCh	14, 8.794, 188.064
Yxy	1.8063, 0.2630, 0.3400
Android (android.graphics.Color)	4279511078 (0xFF142826)
YUV	33.7920, 2.0745, -12.0956
Hunter-Lab	13.4397, -4.9633, 0.1050

Details

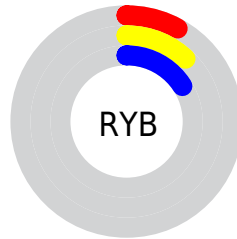
The HunterLab color **13.4397, -4.9633, 0.1050** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.0469, 4.9835, 1.7983**, and the grayscale version is **12.5784, -0.6712, 0.6834**.

A 20% lighter version of the original color is **28.6558, -7.0160, 0.6025**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **13.2861, -5.5705, 0.0562**, and if you desaturate by 10%, it is **13.6176, -4.2751, 0.1841**.

Distribution



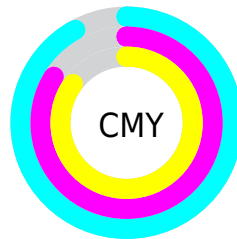
- Red (8%)
- Green (16%)
- Blue (15%)



- Red (8%)
- Yellow (12%)
- Blue (16%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (84%)



- Cyan (92%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4397, -4.9633, 0.1050 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 13.4397, -4.9633, 0.1050 by changing the saturation by 10% instead.

■ 13.4397, -4.9633,
0.1050

■ 13.4397, -4.9633,
0.1050

■ 105.7909,
-14.5314, 4.5341

■ 7.0079, -5.7885,
-0.3482

■ 28.6699, -7.1450,
0.7617

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.6061, -8.1950,
1.1745

0.0000, NaN, NaN

■ 47.3159, -9.2379,
1.6352

0.0000, NaN, NaN

■ 57.7418, -10.2812,
2.1394

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.8377, -11.3295,
2.6839


0.0000, NaN, NaN


■ 80.5653, -12.3860,


0.0000, NaN, NaN


3.2659


 92.8924, -13.4528,
3.8833


 13.4397, -4.9633,
0.1050


 13.4397, -4.9633,
0.1050


 13.2861, -5.5705,
0.0562


 13.6176, -4.2751,
0.1841


 13.1554, -6.0947,
0.0369


 13.8192, -3.5083,
0.2928


 13.0445, -6.5473,
0.0427

 14.0448, -2.6666,
0.4309

 12.9356, -6.9963,
0.0507

 14.2942, -1.7546,
0.5975

 12.8259, -7.4528,
0.0573

 14.5671, -0.7772,
0.7915

■ 12.8259, -7.4528,
0.0573

■ 14.8631, 0.2603,
1.0116

■ 15.1815, 1.3523,
1.2564

■ 15.5218, 2.4935,
1.5243

■ 15.8833, 3.6784,
1.8137

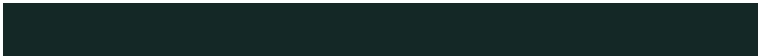
Harmonies

Analogous

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



13.4400, -4.7124, 2.2613



13.4397, -4.9633, 0.1050



13.4400, -4.1410, -2.2453

Triad

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



13.4400, -4.9634, 0.1052



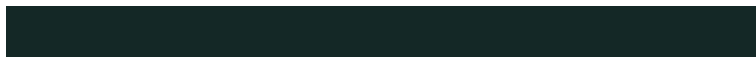
13.4400, 2.2278, -3.1760



13.4400, 1.0385, 4.1815

Complementary

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



13.4397, -4.9633, 0.1050



10.0469, 4.9835, 1.7983

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.



13.4400, 3.0864, 3.1527



13.4397, -4.9633, 0.1050



13.4400, 3.8057, -1.0022

Square

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



13.4400, -4.9634, 0.1052



13.4400, -0.0685, -4.3438



13.4400, 4.1304, 1.3292



13.4400, -1.3550, 4.3736

Rectangle

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



13.4397, -4.9633, 0.1050



13.4400, -3.0585, -3.5218



13.4400, 4.1304, 1.3292



13.4400, 1.7949, 3.9319

Sweetspot

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



13.4400, -4.9634, 0.1052



17.6668, -2.8728, 0.6194



13.2006, -6.5582, 5.0466



9.7244, -1.5680, 0.3431



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.



13.4400, -4.9634, 0.1052



16.5333, -7.2027, 0.0575



11.6321, -1.9863, -3.0999



8.3537, -0.9110, 0.3692



26.2337, -15.4449, 0.5514



71.1694, -42.2738, 2.3014

Inverse Universe

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



10.0469, 4.9835, 1.7983



11.3229, 8.2746, 2.7495



11.4738, 1.8379, 3.6821



8.0179, 0.0551, 0.5287



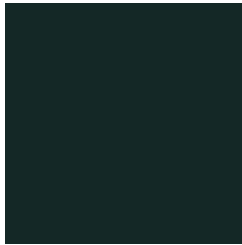
13.8210, 23.8023, 7.8962



37.4164, 64.2231, 23.0427

Previews

White Background



This preview shows how the HunterLab color 13.4397, -4.9633, 0.1050 looks on a white background.

Color Contrast Check

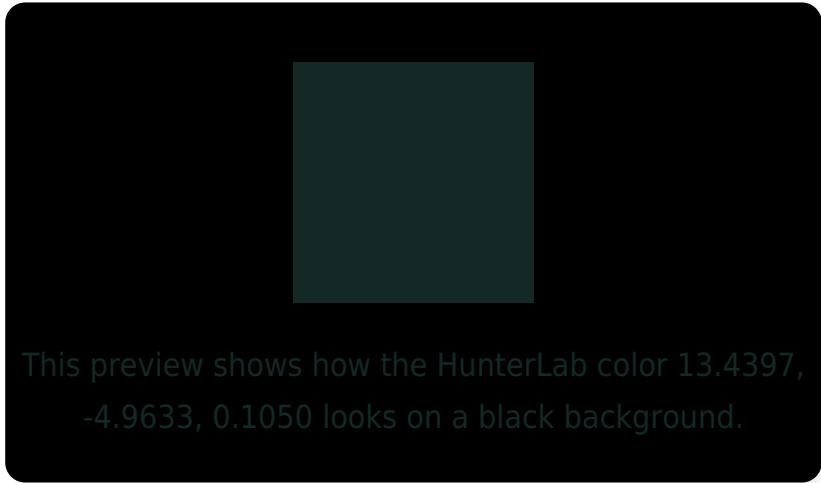
Large Text (above 18pt) WCAG AA ✓ Pass

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

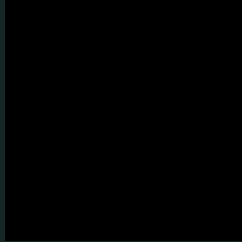
Any Text WCAG AA × Fail

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 13.4397, -4.9633, 0.1050 Background



This preview shows how black text looks on a background with the HunterLab color 13.4397, -4.9633, 0.1050.



This preview shows how white text looks on a background with the HunterLab color 13.4397, -4.9633,

0.1050.

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

13.4397, -4.9633, 0.1050

Protanopia

13.3508, -0.4710, 0.8063

Deuteranopia

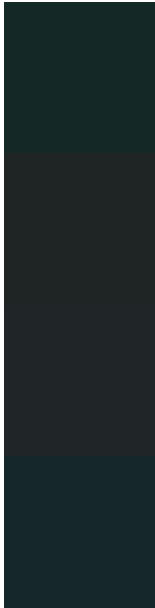
13.3412, 0.7888, -0.2957



Tritanopia

13.3600, -3.7285, -1.9757

Trichromacy



Original Color

13.4397, -4.9633, 0.1050

Protanomaly

13.2212, -2.0679, 0.2617

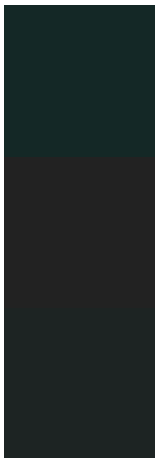
Deuteranomaly

13.3293, -1.5858, -0.3523

Tritanomaly

13.3063, -4.0355, -1.2189

Monochromacy



Original Color

13.4397, -4.9633, 0.1050

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.8231, -2.3821, 0.5076

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4397, -4.9633, 0.1050 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(20, 40, 38)` looks like.

```
.text, #text, p{  
    color:rgb(20, 40, 38)  
}
```

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(20, 40, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 40, 38) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4397, -4.9633, 0.1050 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(20, 40, 38) }
```


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

```
.border{ border-color:rgb(20, 40, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 40, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 40, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 40, 38);  
box-shadow:4px 4px 4px 4px rgb(20, 40, 38)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4397, -4.9633, 0.1050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 40, 38) }
```

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

```
.background{ background-color: rgb(20, 40,  
38) }
```

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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