

Converting Colors

HunterLab(21.7475, -9.6326,
2.5447)

Have a look what the booklet for
HunterLab(21.7475, -9.6326, 2.5447)
contains.

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Color

**HunterLab(21.8397, -9.8967,
2.7757)**

Conversions

Conversions Part 1

Format	Color
Hex	224439
RGB	34, 68, 57
RGB Percent	13%, 27%, 22%
CMY	0.8667, 0.7333, 0.7765
CMYK	0.50, 0.00, 0.16, 0.73
HSL	161°, 33%, 20%
HSV	161°, 50%, 27%
XYZ	3.4653, 4.7697, 4.6089
YIQ	56.5800, -16.7330, -10.6290

Conversions

Conversions Part 2

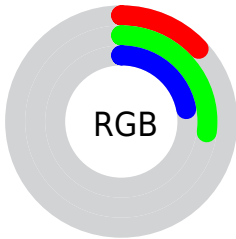
Format	Color
R_YB	34, 54, 68
Decimal	2245689
CIE Lab	26.07, -15.53, 2.83
CIE LCh	26, 15.790, 169.673
Yxy	4.7699, 0.2698, 0.3714
Android (android.graphics.Color)	4280435769 (0xFF224439)
YUV	56.5800, 0.2071, -19.8027
Hunter-Lab	21.8397, -9.8967, 2.7757

Details

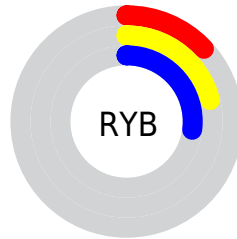
The HunterLab color **21.8397, -9.8967, 2.7757** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.0081, 10.2295, 0.8474**, and the grayscale version is **20.0879, -1.0718, 1.0914**.

A 20% lighter version of the original color is **39.0379, -12.8183, 3.9396**, and **8.7778, -6.2374, 2.4934** is the 20% darker color. If you saturate the color by 10%, you get **21.5501, -11.1298, 3.2090**, and if you desaturate by 10%, it is **22.1802, -8.4884, 2.3852**.

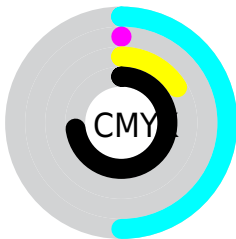
Distribution



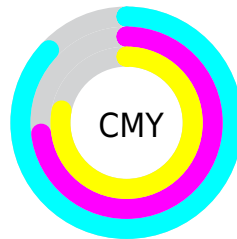
- Red (13%)
- Green (27%)
- Blue (22%)



- Red (13%)
- Yellow (21%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (16%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8397, -9.8967, 2.7757 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 21.8397, -9.8967, 2.7757 by changing the saturation by 10% instead.

■ 21.8397, -9.8967,
2.7757

■ 21.8397, -9.8967,
2.7757

121.4826,
-22.9052, 9.5012

■ 14.5358, -8.1914,
2.1599

■ 39.1403, -12.9991,
4.0830

■ 8.1968, -8.6960,
1.8777

■ 48.9706, -14.4669,
4.7773

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5088, -15.9038,
5.4990

0.0000, NaN, NaN

■ 70.7103, -17.3204,
6.2477

0.0000, NaN, NaN

■ 82.5379, -18.7242,
7.0229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9600, -20.1204,

107.9495,
-21.5131, 8.6502

21.8397, -9.8967,
2.7757

21.8397, -9.8967,
2.7757

21.5501, -11.1298,
3.2090

22.1802, -8.4884,
2.3852

21.3090, -12.1827,
3.6794

22.5708, -6.9115,
2.0405

21.1148, -13.0558,
4.1814

23.0119, -5.1767,
1.7447

20.9603, -13.7725,
4.7035

23.5030, -3.2960,
1.4997

20.8126, -14.4633,
5.2083

24.0433, -1.2827,
1.3063

■ 20.8126, -14.4634,
5.2083

■ 24.6314, 0.8493,
1.1645

■ 25.2658, 3.0860,
1.0738

■ 25.9449, 5.4141,
1.0327

■ 26.6668, 7.8210,
1.0395

Harmonies

Analogous

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



21.8401, -8.0669, 6.3478



21.8397, -9.8967, 2.7757



21.8401, -9.5543, -2.1438

Triad

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



21.8401, -9.8970, 2.7760



21.8401, 2.1886, -9.3807



21.8401, 5.4574, 7.1081

Complementary

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



21.8397, -9.8967, 2.7757



16.0081, 10.2295, 0.8474

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.



21.8401, 8.7161, 4.0671



21.8397, -9.8967, 2.7757



21.8401, 6.7137, -5.6492

Square

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



21.8401, -9.8970, 2.7760



21.8401, -2.8748, -9.9488



21.8401, 9.1956, -0.5272



21.8401, 0.5960, 8.4461

Rectangle

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



21.8397, -9.8967, 2.7757



21.8401, -8.1288, -5.5445



21.8401, 9.1956, -0.5272



21.8401, 6.7946, 6.2882

Sweetspot

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



21.8401, -9.8970, 2.7760



30.6135, -5.7659, 2.1510



21.9440, -10.3149, 9.2520



15.8981, -3.1278, 1.1365



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.8401, -9.8970, 2.7760



28.3249, -15.0498, 4.3843



20.5894, -6.1733, -3.1699



12.1421, -1.5434, 0.7553



29.8646, -20.9704, 7.9409



74.6906, -53.2438, 21.5813

Inverse Universe

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



16.0081, 10.2295, 0.8474



19.0714, 17.2499, 1.5727



16.8517, 6.7398, 5.1770



11.5951, 0.3097, 0.5543



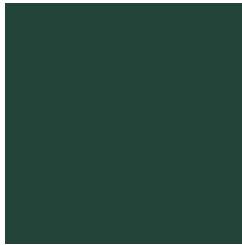
16.2379, 28.4286, 5.6807



40.4810, 70.5003, 17.0464

Previews

White Background



This preview shows how the HunterLab color 21.8397, -9.8967, 2.7757 looks on a white background.

Color Contrast Check

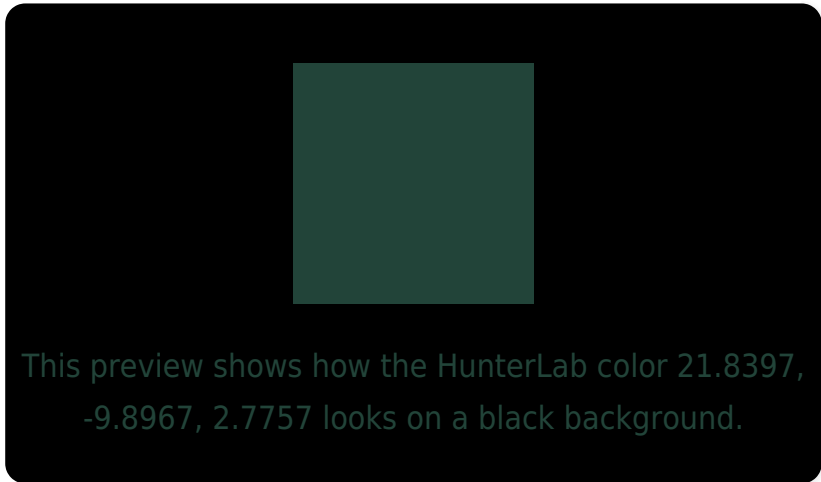
Large Text (above 18pt) WCAG AA ✓ Pass

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

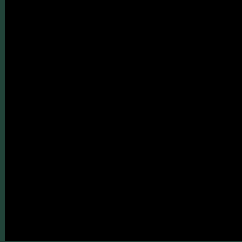
Any Text WCAG AA × Fail

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 21.8397, -9.8967, 2.7757 Background



This preview shows how black text looks on a background with the HunterLab color 21.8397, -9.8967, 2.7757.



This preview shows how white text looks on a background with the HunterLab color 21.8397, -9.8967,

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

21.8397, -9.8967, 2.7757

Protanopia

21.6652, -1.2592, 3.7770

Deuteranopia

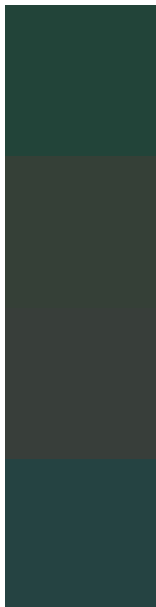
21.6163, 1.2903, 1.9935



Tritanopia

21.8253, -6.4215, -2.8579

Trichromacy



Original Color

21.8397, -9.8967, 2.7757

Protanomaly

21.6784, -5.0736, 3.3839

Deuteranomaly

21.4278, -3.2007, 2.0715

Tritanomaly

21.9111, -7.7666, -0.5815

Monochromacy



Original Color

21.8397, -9.8967, 2.7757

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.7023, -4.5520, 1.5910

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8397, -9.8967, 2.7757 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(34, 68, 57)` looks like.

```
.text, #text, p{  
    color:rgb(34, 68, 57)  
}
```

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(34, 68, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 68, 57) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8397, -9.8967, 2.7757 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(34, 68, 57) }
```


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

```
.border{ border-color:rgb(34, 68, 57) }
```

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

Here you see how a box with a 4 pixel rgb(34, 68, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 68, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 68, 57);  
box-shadow:4px 4px 4px 4px rgb(34, 68, 57)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8397, -9.8967, 2.7757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 68, 57) }
```

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

```
.background{ background-color: rgb(34, 68,  
57) }
```

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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