

Converting Colors

HunterLab(21.9250, -8.2610,
4.9941)

Have a look what the booklet for
HunterLab(21.9250, -8.2610, 4.9941)
contains.

HunterLab(21.9867, -8.1832, 4.9591)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(21.9867, -8.1832,
4.9591)**

Conversions

Conversions Part 1

Format	Color
Hex	2E4333
RGB	46, 67, 51
RGB Percent	18%, 26%, 20%
CMY	0.8196, 0.7372, 0.8000
CMYK	0.31, 0.00, 0.24, 0.74
HSL	134°, 19%, 22%
HSV	134°, 31%, 26%
XYZ	3.7314, 4.8341, 3.8684
YIQ	58.8970, -7.3800, -9.4280

Conversions

Conversions Part 2

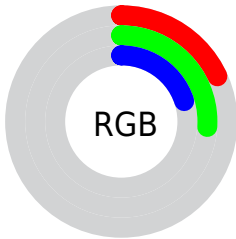
Format	Color
R_{YB}	46, 63, 67
Decimal	3031859
CIE _{Lab}	26.26, -12.21, 7.11
CIE _{LCh}	26, 14.127, 149.789
Yxy	4.8344, 0.3001, 0.3888
Android (android.graphics.Color)	4281221939 (0xFF2E4333)
YUV	58.8970, -3.8932, -11.3107
Hunter-Lab	21.9867, -8.1832, 4.9591

Details

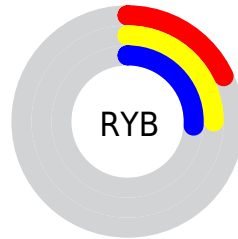
The HunterLab color **21.9867, -8.1832, 4.9591** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.6954, 7.0151, -2.8110**, and the grayscale version is **20.8927, -1.1148, 1.1351**.

A 20% lighter version of the original color is **39.2426, -10.8978, 6.9037**, and **8.4037, -6.7407, 4.0473** is the 20% darker color. If you saturate the color by 10%, you get **21.5595, -10.0226, 6.0308**, and if you desaturate by 10%, it is **22.4718, -6.1535, 3.8323**.

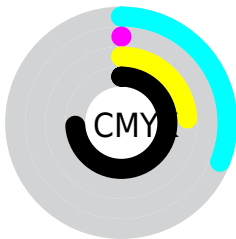
Distribution



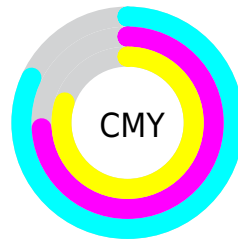
- Red (18%)
- Green (26%)
- Blue (20%)



- Red (18%)
- Yellow (25%)
- Blue (26%)



- Cyan (31%)
- Magenta (0%)
- Yellow (24%)
- Black (74%)



- Cyan (82%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.9867, -8.1832, 4.9591 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 21.9867, -8.1832, 4.9591 by changing the saturation by 10% instead.

■ 21.9867, -8.1832,
4.9591

■ 21.9867, -8.1832,
4.9591

121.7429,
-19.4900, 13.7502

■ 14.6642, -6.7781,
3.9840

■ 39.3189, -10.7965,
6.8566

■ 8.3231, -6.8360,
3.9933

■ 49.1629, -12.0547,
7.8049

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.7140, -13.2982,
8.7614

0.0000, NaN, NaN

■ 70.9277, -14.5344,
9.7294

0.0000, NaN, NaN

■ 82.7668, -15.7685,
10.7112

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 95.1998, -17.0042,

108.1998,
-18.2440, 12.7208

■ 21.9867, -8.1832,
4.9591

■ 21.9867, -8.1832,
4.9591

■ 21.5595, -10.0226,
6.0308

■ 22.4718, -6.1535,
3.8323

■ 21.1894, -11.6550,
7.0362

■ 23.0125, -3.9499,
2.6598

■ 20.8764, -13.0686,
7.9660

■ 23.6079, -1.5918,
1.4518

■ 20.6196, -14.2557,
8.8114

■ 24.2560, 0.9018,
0.2175

■ 20.4170, -15.2143,
9.5649

■ 24.9549, 3.5123,
-1.0349

■ 20.2577, -15.9826,
10.2148

■ 25.7023, 6.2224,
-2.2980

■ 20.1289, -16.5996,
10.6743

■ 26.4958, 9.0161,
-3.5658

■ 27.3332, 11.8791,
-4.8330

■ 28.2121, 14.7989,
-6.0957

Harmonies

Analogous

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



21.9872, -5.3224, 7.2243



21.9867, -8.1832, 4.9591



21.9872, -9.1982, 1.2273

Triad

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



21.9872, -8.1836, 4.9594



21.9872, -1.2064, -8.7643



21.9872, 6.8768, 4.9163

Complementary

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



21.9867, -8.1832, 4.9591



18.6954, 7.0151, -2.8110

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.



21.9872, 8.1958, 1.1663



21.9867, -8.1832, 4.9591



21.9872, 3.3060, -7.2424

Square

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



21.9872, -8.1836, 4.9594



21.9872, -5.3737, -7.2008



21.9872, 6.8404, -3.3764



21.9872, 3.3658, 7.2032

Rectangle

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



21.9867, -8.1832, 4.9591



21.9872, -8.7599, -1.7860



21.9872, 6.8404, -3.3764



21.9872, 7.6033, 3.8127

Sweetspot

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



21.9872, -8.1836, 4.9594



30.0269, -4.5389, 3.1469



22.8892, -5.0149, 7.3209



15.2571, -2.4143, 1.6557



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



21.9872, -8.1836, 4.9594



28.0870, -12.6056, 7.5875



22.2184, -6.8502, 1.6381



12.1102, -1.7210, 1.2118



29.3139, -24.3798, 15.9892



73.3400, -61.6186, 41.3483

Inverse Universe

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



18.6954, 7.0151, -2.8110



22.7810, 11.9753, -4.9332



18.4166, 5.5974, 1.1382



11.6288, 0.4910, 0.0753



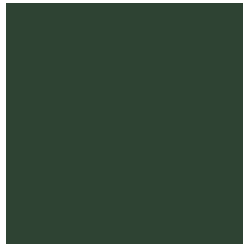
17.4012, 32.6280, -10.6776



43.4172, 81.1228, -24.4211

Previews

White Background



This preview shows how the HunterLab color 21.9867, -8.1832, 4.9591 looks on a white background.

Color Contrast Check

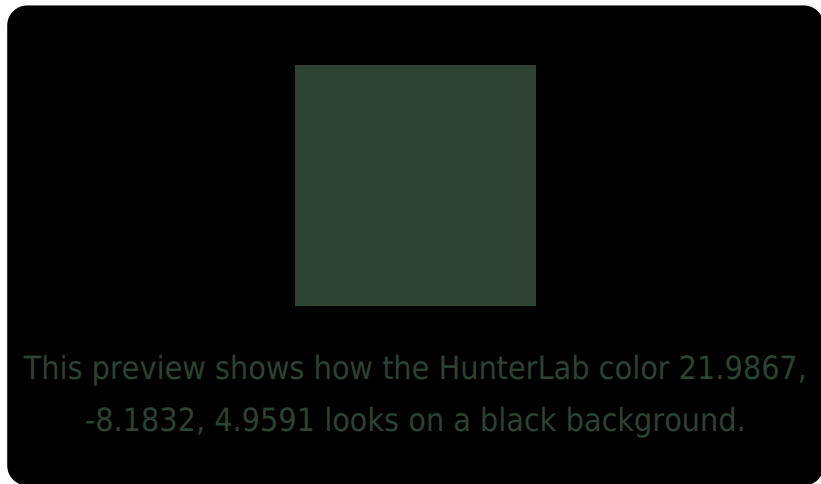
Large Text (above 18pt) WCAG AA ✓ Pass

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

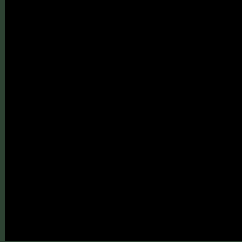
Any Text WCAG AA × Fail

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 21.9867, -8.1832, 4.9591 Background



This preview shows how black text looks on a background with the HunterLab color 21.9867, -8.1832, 4.9591.



This preview shows how white text looks on a background with the HunterLab color 21.9867, -8.1832,

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

21.9867, -8.1832, 4.9591

Protanopia

21.9665, -1.6810, 5.6633

Deuteranopia

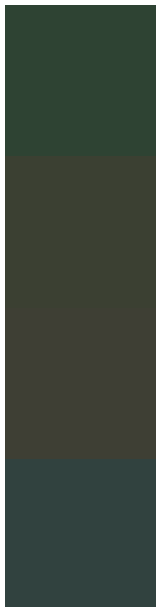
21.9735, 1.0018, 4.4694



Tritanopia

22.1380, -3.9801, -1.9468

Trichromacy



Original Color

21.9867, -8.1832, 4.9591

Protanomaly

21.9702, -4.2207, 5.3205

Deuteranomaly

21.9706, -2.8313, 4.7214

Tritanomaly

22.1546, -5.6399, 0.9677

Monochromacy



Original Color

21.9867, -8.1832, 4.9591

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.2486, -3.9378, 2.5848

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.9867, -8.1832, 4.9591 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(46, 67, 51)` looks like.

```
.text, #text, p{  
    color:rgb(46, 67, 51)  
}
```

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(46, 67, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 67, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 21.9867, -8.1832, 4.9591 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(46, 67, 51) }
```


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

```
.border{ border-color:rgb(46, 67, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 67, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 67, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 67, 51);  
box-shadow:4px 4px 4px 4px rgb(46, 67, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.9867, -8.1832, 4.9591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 67, 51) }
```

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

```
.background{ background-color: rgb(46, 67,  
51) }
```

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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