

Converting Colors

HunterLab(34.0273, -9.4077,
-11.5063)

Have a look what the booklet for
HunterLab(34.0273, -9.4077,
-11.5063) contains.

HunterLab(34.0013, -9.4671, -11.3210)	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(34.0013, -9.4671,
-11.3210)**

Conversions

Conversions Part 1

Format	Color
Hex	31667A
RGB	49, 102, 122
RGB Percent	19%, 40%, 48%
CMY	0.8078, 0.6000, 0.5216
CMYK	0.60, 0.16, 0.00, 0.52
HSL	196°, 43%, 34%
HSV	196°, 60%, 48%
XYZ	9.5309, 11.5609, 20.1415
YIQ	88.4330, -38.0080, -5.0160

Conversions

Conversions Part 2

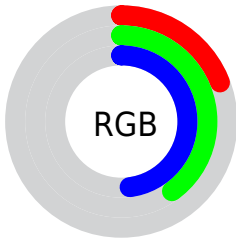
Format	Color
R_{YB}	49, 80, 122
Decimal	3237498
CIE _{Lab}	40.51, -11.28, -16.53
CIE _{LCh}	41, 20.011, 235.677
Yxy	11.5613, 0.2311, 0.2804
Android (android.graphics.Color)	4281427578 (0xFF31667A)
YUV	88.4330, 16.5485, -34.5827
Hunter-Lab	34.0013, -9.4671, -11.3210

Details

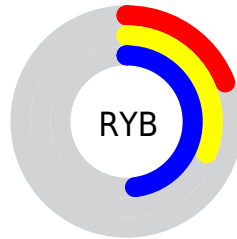
The HunterLab color **34.0013, -9.4671, -11.3210** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **29.3530, 13.7545, 12.4579**, and the grayscale version is **31.3501, -1.6728, 1.7033**.

A 20% lighter version of the original color is **53.5381, -11.9710, -11.5663**, and **17.9260, -5.7916, -9.9036** is the 20% darker color. If you saturate the color by 10%, you get **32.6406, -9.5524, -13.4997**, and if you desaturate by 10%, it is **35.4643, -9.0291, -9.0877**.

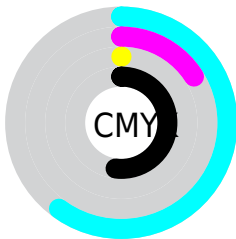
Distribution



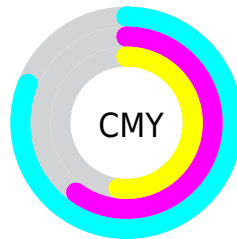
- Red (19%)
- Green (40%)
- Blue (48%)



- Red (19%)
- Yellow (31%)
- Blue (48%)



- Cyan (60%)
- Magenta (16%)
- Yellow (0%)
- Black (52%)



- Cyan (81%)
- Magenta (60%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.0013, -9.4671, -11.3210 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 34.0013, -9.4671, -11.3210 by changing the saturation by 10% instead.

34.0013, -9.4671,
-11.3210

34.0013, -9.4671,
-11.3210

141.9433,
-20.2603, -11.4607

25.3884, -8.2272,
-10.9830

53.5664, -11.8736,
-11.7771

17.6577, -6.9359,
-10.5801

64.4042, -13.0617,
-11.9020

10.9253, -5.5508,
-10.1550

75.8880, -14.2482,
-11.9638

2.3767, -4.1591,
-29.2599

87.9832, -15.4369,
-11.9667

0.0000, NaN, -NF

0.0000, NaN, NaN

100.6605,
-16.6307, -11.9145

0.0000, NaN, NaN

113.8942,

0.0000, NaN, NaN

-17.8316, -11.8109

0.0000, NaN, NaN

127.6617,
-19.0410, -11.6587

■ 34.0013, -9.4671,
-11.3210

■ 34.0013, -9.4671,
-11.3210

■ 32.6406, -9.5524,
-13.4997

■ 35.4643, -9.0291,
-9.0877

■ 31.3822, -9.2738,
-15.6114

■ 37.0243, -8.2571,
-6.8159

■ 30.2260, -8.6328,
-17.6433

■ 38.6777, -7.1747,
-4.5177

■ 29.1378, -7.7579,
-19.6474

■ 40.4195, -5.8073,
-2.2042

■ 29.1197, -7.7433,
-19.6816

■ 42.2447, -4.1811,
0.1159

■ 44.1482, -2.3211,
2.4356

■ 46.1251, -0.2510,
4.7498

■ 48.1707, 2.0075,
7.0549

■ 50.2806, 4.4347,
9.3485

Harmonies

Analogous

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



34.0019, -13.7043, -4.5462



34.0013, -9.4671, -11.3210



34.0019, -2.8813, -14.5858

Triad

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



34.0019, -9.4671, -11.3204



34.0019, 13.5539, 0.8154



34.0019, -7.7597, 11.9229

Complementary

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



34.0013, -9.4671, -11.3210



29.3530, 13.7545, 12.4579

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.



34.0019, -0.7376, 12.7636



34.0013, -9.4671, -11.3210



34.0019, 11.9696, 7.2049

Square

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



34.0019, -9.4671, -11.3204



34.0019, 10.7403, -6.6925



34.0019, 6.5777, 11.2329



34.0019, -12.7792, 8.6278

Rectangle

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



34.0013, -9.4671, -11.3210



34.0019, 2.1115, -13.9153



34.0019, 6.5777, 11.2329



34.0019, -5.5731, 12.4672

Sweetspot

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



34.0019, -9.4671, -11.3204



53.9437, -7.4208, -2.4933



38.7239, -24.9708, 14.9355



25.5228, -3.7776, -1.5450



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



34.0019, -9.4671, -11.3204



42.6261, -12.5836, -19.0105



24.4109, 6.4932, -29.5656



20.8220, -1.9881, 0.1438



29.8552, -7.9107, -20.2395



64.0640, -15.6103, -46.3763

Inverse Universe

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



27.0073, 28.8965, -10.4496



32.6047, 46.1722, -15.5590



38.0211, -2.5525, 18.8519



20.1486, 1.1498, 0.0495



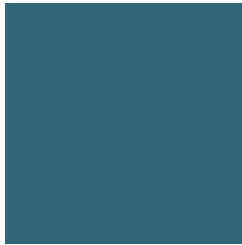
22.5980, 42.0205, -11.1403



49.2041, 91.2359, -22.2547

Previews

White Background



This preview shows how the HunterLab color 34.0013, -9.4671, -11.3210 looks on a white background.

Color Contrast Check

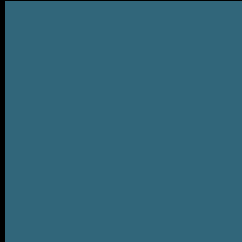
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 34.0013, -9.4671, -11.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

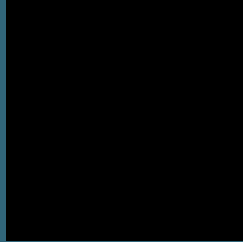
Any Text WCAG AA × Fail

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 34.0013, -9.4671, -11.3210 Background



This preview shows how black text looks on a background with the HunterLab color 34.0013, -9.4671, -11.3210.



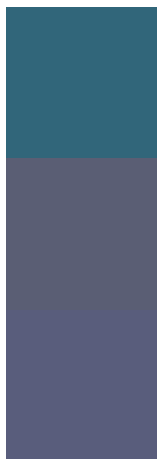
This preview shows how white text looks on a background with the HunterLab color 34.0013, -9.4671, -11.3210.

-11.3210.

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

34.0013, -9.4671, -11.3210

Protanopia

33.8231, 0.8224, -8.1079

Deuteranopia

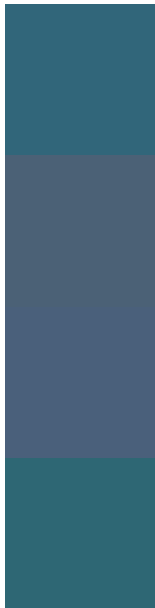
33.7754, 2.5799, -12.6163



Tritanopia

34.1004, -12.7892, -5.8642

Trichromacy



Original Color

34.0013, -9.4671, -11.3210

Protanomaly

33.6946, -3.6250, -9.4603

Deuteranomaly

33.5435, -2.3892, -12.4945

Tritanomaly

33.9739, -11.4886, -8.1018

Monochromacy



Original Color

34.0013, -9.4671, -11.3210

Achromatopsia

31.2390, -1.6668, 1.6973

Achromatomaly

31.9447, -5.3973, -2.7876

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.0013, -9.4671, -11.3210 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(49, 102, 122)` looks like.

```
.text, #text, p{  
    color:rgb(49, 102, 122)  
}
```

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(49, 102, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 102, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 34.0013, -9.4671, -11.3210 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(49, 102, 122) }
```


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

```
.border{ border-color:rgb(49, 102, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 102, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 102, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 102, 122);  
box-shadow:4px 4px 4px 4px rgb(49, 102,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.0013, -9.4671, -11.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 102, 122) }
```

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

```
.background{ background-color: rgb(49, 102,  
122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor