

Converting Colors

HunterLab(19.4944, -3.9753,
-10.2118)

Have a look what the booklet for
HunterLab(19.4944, -3.9753,
-10.2118) contains.

HunterLab(19.4174, -3.9671, -10.1129)	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(19.4174, -3.9671,
-10.1129)**

Conversions

Conversions Part 1

Format	Color
Hex	183A4E
RGB	24, 58, 78
RGB Percent	9%, 23%, 31%
CMY	0.9059, 0.7725, 0.6941
CMYK	0.69, 0.26, 0.00, 0.69
HSL	202°, 53%, 20%
HSV	202°, 69%, 31%
XYZ	3.2649, 3.7704, 7.7634
YIQ	50.1140, -26.6840, -0.9880

Conversions

Conversions Part 2

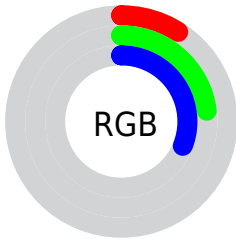
Format	Color
R_{YB}	24, 45, 78
Decimal	1587790
CIE _{Lab}	22.90, -5.13, -15.87
CIE _{LCh}	23, 16.676, 252.099
Yxy	3.7705, 0.2206, 0.2548
Android (android.graphics.Color)	4279777870 (0xFF183A4E)
YUV	50.1140, 13.7478, -22.9020
Hunter-Lab	19.4174, -3.9671, -10.1129

Details

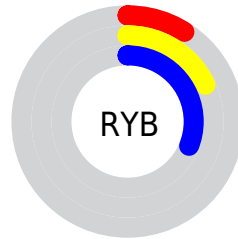
The HunterLab color **19.4174, -3.9671, -10.1129** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **18.6740, 7.5395, 8.8947**, and the grayscale version is **17.8599, -0.9530, 0.9704**.

A 20% lighter version of the original color is **36.1819, -5.5660, -10.7045**, and **6.7612, 0.3004, -9.0995** is the 20% darker color. If you saturate the color by 10%, you get **18.4528, -3.6221, -11.8520**, and if you desaturate by 10%, it is **20.4444, -4.1052, -8.3772**.

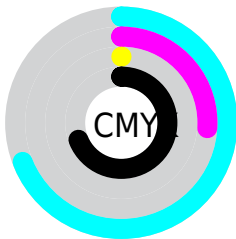
Distribution



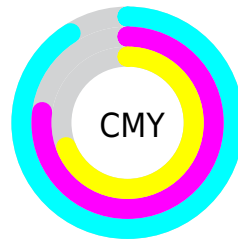
- Red (9%)
- Green (23%)
- Blue (31%)



- Red (9%)
- Yellow (18%)
- Blue (31%)



- Cyan (69%)
- Magenta (26%)
- Yellow (0%)
- Black (69%)



- Cyan (91%)
- Magenta (77%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4174, -3.9671, -10.1129 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 19.4174, -3.9671, -10.1129 by changing the saturation by 10% instead.

■ 19.4174, -3.9671,
-10.1129

■ 19.4174, -3.9671,
-10.1129

■ 117.1334,
-11.7056, -11.0060

■ 12.4339, -3.1626,
-9.6946

■ 36.1793, -5.5756,
-10.7799

■ 5.6639, -4.2458,
-12.2397

■ 45.7741, -6.3969,
-11.0031

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 56.0931, -7.2345,
-11.1551

0.0000, NaN, NaN

■ 67.0886, -8.0900,
-11.2406

0.0000, NaN, NaN

■ 78.7213, -8.9645,
-11.2645

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.9580, -9.8585,

-11.2309

0.0000, NaN, NaN

103.7703,
-10.7722, -11.1436

19.4174, -3.9671,
-10.1129

19.4174, -3.9671,
-10.1129

18.4528, -3.6221,
-11.8520

20.4444, -4.1052,
-8.3772

17.5506, -3.0667,
-13.5887

21.5294, -4.0498,
-6.6542

16.6692, -2.4533,
-15.4085

22.6692, -3.8159,
-4.9497

16.6011, -2.4066,
-15.5548

23.8602, -3.4195,
-3.2679

25.0988, -2.8763,
-1.6113

■ 26.3816, -2.2011,
0.0189

■ 27.7055, -1.4075,
1.6226

■ 29.0676, -0.5077,
3.2005

■ 30.4653, 0.4872,
4.7537

Harmonies

Analogous

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



19.4177, -7.8056, -6.3150



19.4174, -3.9671, -10.1129



19.4177, 1.0665, -10.4891

Triad

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



19.4177, -3.9670, -10.1125



19.4177, 9.5392, 2.9166



19.4177, -7.1975, 6.7937

Complementary

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



19.4174, -3.9671, -10.1129



18.6740, 7.5395, 8.8947

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.



19.4177, -3.0548, 8.1572



19.4174, -3.9671, -10.1129



19.4177, 6.8078, 6.3389

Square

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



19.4177, -3.9670, -10.1125



19.4177, 9.2299, -2.0424



19.4177, 2.0775, 8.0157



19.4177, -9.5336, 3.7170

Rectangle

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



19.4174, -3.9671, -10.1129



19.4177, 4.4672, -8.6500



19.4177, 2.0775, 8.0157



19.4177, -5.9893, 7.4269

Sweetspot

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



19.4177, -3.9670, -10.1125



32.7221, -3.9990, -2.6833



24.1317, -15.9562, 8.7838



16.2222, -2.0468, -1.4867



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



19.4177, -3.9670, -10.1125



23.5435, -4.3068, -17.2242



13.1714, 7.4042, -24.1994



13.4227, -1.0943, 0.0583



21.5665, -2.6134, -21.3146



50.7770, -3.5707, -55.7587

Inverse Universe

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



16.0580, 18.9451, -4.5539



19.2007, 29.7191, -5.8716



24.8331, -3.5834, 13.1758



13.1067, 0.5442, 0.2302



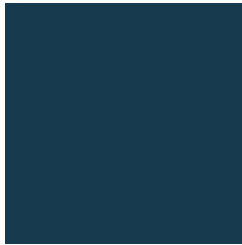
17.8815, 32.7068, -4.6017



43.3235, 78.8759, -8.3072

Previews

White Background



This preview shows how the HunterLab color 19.4174, -3.9671, -10.1129 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

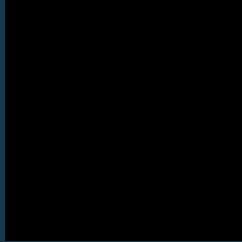
Any Text WCAG AA × Fail

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 19.4174, -3.9671, -10.1129 Background



This preview shows how black text looks on a background with the HunterLab color 19.4174, -3.9671, -10.1129.



This preview shows how white text looks on a background with the HunterLab color 19.4174, -3.9671, -10.1129.

-10.1129.

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

19.4174, -3.9671, -10.1129

Protanopia

19.4286, 0.9867, -8.3248

Deuteranopia

19.3926, 1.1565, -10.6457



Tritanopia

19.2742, -8.1043, -3.6491

Trichromacy



Original Color

19.4174, -3.9671, -10.1129

Protanomaly

19.1977, -0.9842, -9.3045

Deuteranomaly

19.2099, -0.7195, -11.0063

Tritanomaly

19.2321, -6.5646, -6.1275

Monochromacy



Original Color

19.4174, -3.9671, -10.1129

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.2862, -2.6857, -2.6400

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4174, -3.9671, -10.1129 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(24, 58, 78)` looks like.

```
.text, #text, p{  
    color:rgb(24, 58, 78)  
}
```

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(24, 58, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 58, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4174, -3.9671, -10.1129 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(24, 58, 78) }
```


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

```
.border{ border-color:rgb(24, 58, 78) }
```

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

Here you see how a box with a 4 pixel rgb(24, 58, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 58, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 58, 78);  
box-shadow:4px 4px 4px 4px rgb(24, 58, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4174, -3.9671, -10.1129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 58, 78) }
```

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

```
.background{ background-color: rgb(24, 58,  
78) }
```

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