

Converting Colors

HunterLab(16.9686, -3.5059,
-5.0314)

Have a look what the booklet for
HunterLab(16.9686, -3.5059,
-5.0314) contains.

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Color

**HunterLab(16.9686, -3.5059,
-5.0314)**

Conversions

Conversions Part 1

Format	Color
Hex	1D323D
RGB	29, 50, 61
RGB Percent	11%, 20%, 24%
CMY	0.8863, 0.8039, 0.7608
CMYK	0.52, 0.18, 0.00, 0.76
HSL	201°, 36%, 18%
HSV	201°, 52%, 24%
XYZ	2.4896, 2.8793, 4.8394
YIQ	44.9750, -16.0470, -1.0310

Conversions

Conversions Part 2

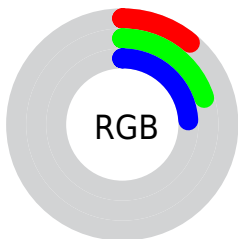
Format	Color
RYB	29, 42, 61
Decimal	1913405
CIELab	19.55, -4.76, -9.54
CIElCh	20, 10.665, 243.498
Yxy	2.8794, 0.2439, 0.2821
Android (android.graphics.Color)	4280103485 (0xFF1D323D)
YUV	44.9750, 7.9003, -14.0101
Hunter-Lab	16.9686, -3.5059, -5.0314




Details

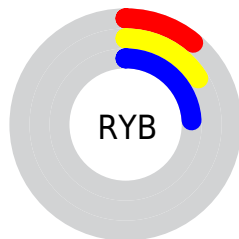
The HunterLab color **16.9686, -3.5059, -5.0314** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.1197, 3.9597, 5.7265**, and the grayscale version is **16.1698, -0.8628, 0.8785**.




A 20% lighter version of the original color is **33.0822, -5.0634, -5.1302**, and **2.6216, 4.1548, -12.2457** is the 20% darker color. If you saturate the color by 10%, you get **16.1987, -3.5934, -6.2406**, and if you desaturate by 10%, it is **17.7785, -3.2883, -3.8260**.

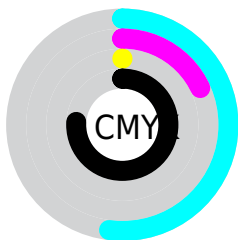
Distribution







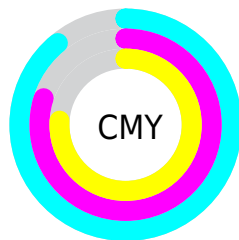
-  Red (11%)
-  Green (20%)
-  Blue (24%)






-  Red (11%)
-  Yellow (16%)
-  Blue (24%)



-  Cyan (52%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (76%)



-  Cyan (89%)
-  Magenta (80%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.9686, -3.5059, -5.0314 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 16.9686, -3.5059, -5.0314 by changing the saturation by 10% instead.

■ 16.9686, -3.5059,
-5.0314

■ 16.9686, -3.5059,
-5.0314

■ 112.6059,
-11.0103, -3.9160

■ 10.3398, -2.7293,
-4.7826

■ 33.1430, -5.0566,
-5.2504

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 42.4831, -5.8500,
-5.2386

0.0000, NaN, NaN

■ 52.5658, -6.6605,
-5.1575

0.0000, NaN, NaN

■ 63.3399, -7.4901,
-5.0141

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.7635, -8.3395,
-4.8140

0.0000, NaN, NaN

■ 86.8016, -9.2093,

0.0000, NaN, NaN

-4.5619

99.4244, -10.0996,
-4.2615

16.9686, -3.5059,
-5.0314

16.9686, -3.5059,
-5.0314

16.1987, -3.5934,
-6.2406

17.7785, -3.2883,
-3.8260

15.4701, -3.5410,
-7.4498

18.6252, -2.9508,
-2.6290

14.7849, -3.3409,
-8.6528

19.5068, -2.5039,
-1.4428

14.1254, -3.0570,
-9.8807

20.4209, -1.9577,
-0.2692

13.6260, -2.8568,
-10.8642

21.3657, -1.3216,
0.8908

■ 22.3389, -0.6045,
2.0368

■ 23.3388, 0.1859,
3.1689

■ 24.3638, 1.0423,
4.2873

■ 25.4121, 1.9584,
5.3925

Harmonies

Analogous

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



16.9689, -5.6333, -2.5446



16.9686, -3.5059, -5.0314



16.9689, -0.5381, -5.8317

Triad

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



16.9689, -3.5060, -5.0311



16.9689, 5.5193, 1.2688



16.9689, -4.0977, 5.0333

Complementary

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



16.9686, -3.5059, -5.0314



16.1197, 3.9597, 5.7265

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.



16.9689, -1.2714, 5.6969



16.9686, -3.5059, -5.0314



16.9689, 4.4024, 3.7859

Square

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



16.9689, -3.5060, -5.0311



16.9689, 4.8145, -1.8309



16.9689, 1.8599, 5.2851



16.9689, -5.9571, 3.2821

Rectangle

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



16.9686, -3.5059, -5.0314



16.9689, 1.5572, -5.2009



16.9689, 1.8599, 5.2851



16.9689, -3.2369, 5.3750

Sweetspot

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



16.9689, -3.5060, -5.0311



25.9410, -2.8518, -0.9936



19.3641, -10.3547, 5.6946



13.7030, -1.5367, -0.5810



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



16.9689, -3.5060, -5.0311



20.6588, -4.6523, -8.6085



13.2719, 2.7409, -11.4969



11.1495, -0.9179, 0.1068



20.6175, -3.5769, -18.0485



50.6930, -6.3848, -49.5788

Inverse Universe

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



14.4955, 10.8318, -3.2215



17.0365, 17.7720, -5.0173



19.6901, -2.3264, 8.5918



10.8878, 0.3926, 0.1907



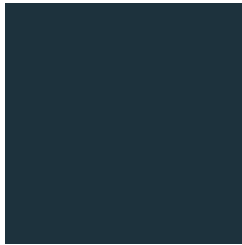
16.5684, 30.4676, -5.5238



41.9148, 76.7013, -11.0611

Previews

White Background



This preview shows how the HunterLab color 16.9686, -3.5059, -5.0314 looks on a white background.

Color Contrast Check

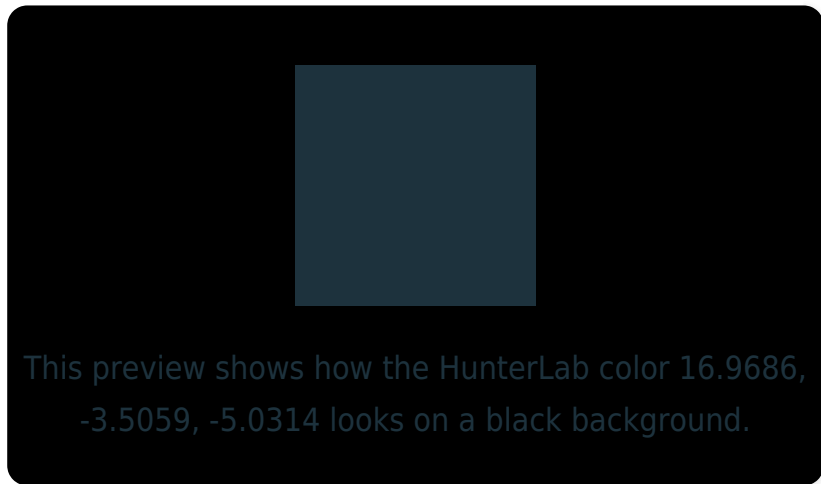
Large Text (above 18pt) WCAG AA ✓ Pass

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

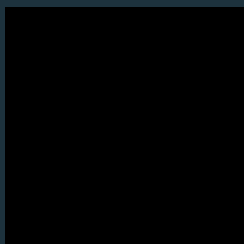
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

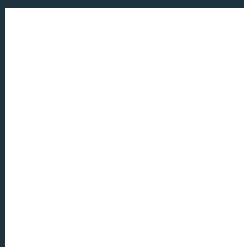
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 16.9686, -3.5059, -5.0314 Background



This preview shows how black text looks on a background with the HunterLab color 16.9686, -3.5059, -5.0314.



This preview shows how white text looks on a background with the HunterLab color 16.9686, -3.5059, -5.0314.

-5.0314.

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

16.9686, -3.5059, -5.0314

Protanopia

16.9831, 0.1779, -3.9770

Deuteranopia

17.0772, 0.6857, -5.2880



Tritanopia

16.9602, -5.2064, -2.2757

Trichromacy



Original Color

16.9686, -3.5059, -5.0314

Protanomaly

16.9455, -1.1157, -4.5354

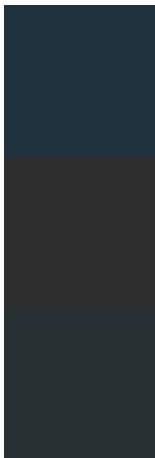
Deuteranomaly

17.0089, -0.7678, -5.4190

Tritanomaly

17.0585, -4.7260, -3.0253

Monochromacy



Original Color

16.9686, -3.5059, -5.0314

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.4420, -2.1671, -1.2004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.9686, -3.5059, -5.0314 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(29, 50, 61)` looks like.

```
.text, #text, p{  
    color:rgb(29, 50, 61)  
}
```

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(29, 50, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 50, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 16.9686, -3.5059, -5.0314 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(29, 50, 61) }
```


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

```
.border{ border-color:rgb(29, 50, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 50, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 50, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 50, 61);  
box-shadow:4px 4px 4px 4px rgb(29, 50, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.9686, -3.5059, -5.0314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 50, 61) }
```

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

```
.background{ background-color: rgb(29, 50,  
61) }
```

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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