

Converting Colors

HunterLab(15.4212, -4.8038,
-22.0090)

Have a look what the booklet for
HunterLab(15.4212, -4.8038,
-22.0090) contains.

HunterLab(16.5482, -0.7169, -19.1364)	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(16.5482, -0.7169,
-19.1364)**

Conversions

Conversions Part 1

Format	Color
Hex	003053
RGB	0, 48, 83
RGB Percent	0%, 19%, 33%
CMY	1.0000, 0.8118, 0.6745
CMYK	1.00, 0.42, 0.00, 0.67
HSL	205°, 100%, 16%
HSV	205°, 100%, 33%
XYZ	2.6183, 2.7384, 8.5742
YIQ	37.6380, -39.8430, 0.7090

Conversions

Conversions Part 2

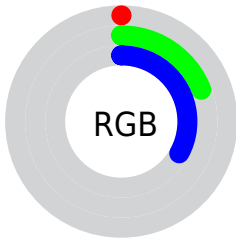
Format	Color
RYB	0, 30, 83
Decimal	12371
CIELab	18.96, 0.30, -25.44
CIELCh	19, 25.443, 270.673
Yxy	2.7385, 0.1880, 0.1966
Android (android.graphics.Color)	4278202451 (0xFF003053)
YUV	37.6380, 22.3635, -33.0085
Hunter-Lab	16.5482, -0.7169, -19.1364

Details

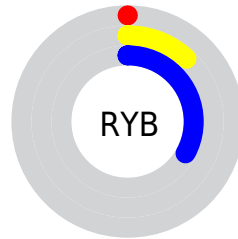
The HunterLab color **16.5482, -0.7169, -19.1364** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.4397, 12.1467, 10.9583**, and the grayscale version is **13.7463, -0.7335, 0.7469**.

A 20% lighter version of the original color is **32.7460, -1.5797, -20.0276**, and **4.5284, 7.1492, -21.0932** is the 20% darker color. If you saturate the color by 10%, you get **16.5477, -0.7159, -19.1377**, and if you desaturate by 10%, it is **17.5778, -1.6051, -16.8004**.

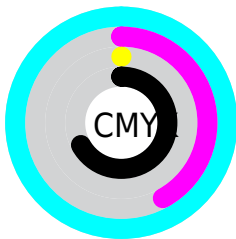
Distribution



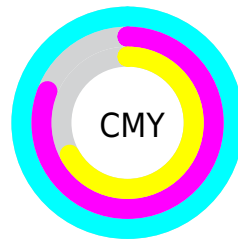
- Red (0%)
- Green (19%)
- Blue (33%)



- Red (0%)
- Yellow (12%)
- Blue (33%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (81%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5482, -0.7169, -19.1364 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 16.5482, -0.7169, -19.1364 by changing the saturation by 10% instead.

■ 16.5482, -0.7169,
-19.1364

■ 16.5482, -0.7169,
-19.1364

■ 111.8134, -5.6562,
-22.6223

■ 9.9839, -0.3918,
-18.9718

■ 32.6166, -1.5325,
-20.1431

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 41.9111, -2.0107,
-20.6600

0.0000, NaN, NaN

■ 51.9515, -2.5301,
-21.1311

0.0000, NaN, NaN

■ 62.6860, -3.0876,
-21.5460

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.0724, -3.6809,
-21.9018

0.0000, NaN, NaN

■ 86.0752, -4.3079,

0.0000, NaN, NaN

-22.1986

■ 98.6642, -4.9668,
-22.4380

■ 16.5482, -0.7169,
-19.1364

■ 16.5482, -0.7169,
-19.1364

■ 16.5477, -0.7159,
-19.1377

■ 17.5778, -1.6051,
-16.8004

■ 18.6348, -2.4208,
-14.5975

■ 19.7659, -2.9975,
-12.4207

■ 20.9682, -3.3423,
-10.2782

■ 22.2370, -3.4724,
-8.1783

■ 23.5673, -3.4073,
-6.1258

■ 24.9543, -3.1665,
-4.1227

■ 26.3934, -2.7687,
-2.1687

■ 27.8806, -2.2310,
-0.2622

Harmonies

Analogous

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



16.5485, -7.2885, -15.7638



16.5482, -0.7169, -19.1364



16.5485, 7.0126, -15.4676

Triad

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



16.5485, -0.7166, -19.1360



16.5485, 13.2080, 6.4221



16.5485, -11.5458, 6.2508

Complementary

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



16.5482, -0.7169, -19.1364



17.4397, 12.1467, 10.9583

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.



16.5485, -7.5309, 8.8751



16.5482, -0.7169, -19.1364



16.5485, 6.6725, 8.9499

Square

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



16.5485, -0.7166, -19.1360



16.5485, 15.8699, 1.0588



16.5485, -1.0505, 9.7663



16.5485, -12.8372, 0.7411

Rectangle

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



16.5482, -0.7169, -19.1364



16.5485, 11.6144, -10.1690



16.5485, -1.0505, 9.7663



16.5485, -10.5093, 7.3847

Sweetspot

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



16.5485, -0.7166, -19.1360



32.3789, -4.1740, -5.6427



25.1108, -19.8416, 11.4468



15.8614, -2.1157, -3.1028



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



16.5485, -0.7166, -19.1360



21.2174, -0.2972, -25.8783



8.8025, 17.7821, -49.3864



14.1531, -1.0848, -0.0096



20.7143, -0.3437, -25.1491



47.8876, 2.3917, -65.0182

Inverse Universe

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



14.3267, 26.0221, -2.2889



18.6523, 33.8034, -2.3715



26.4943, -4.8798, 16.2399



13.8568, 0.5727, 0.3060



18.1857, 32.9644, -2.3631



43.4635, 78.4049, -2.7080

Previews

White Background



This preview shows how the HunterLab color 16.5482, -0.7169, -19.1364 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



This preview shows how the HunterLab color 16.5482, -0.7169, -19.1364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

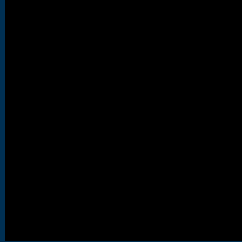
Any Text WCAG AA × Fail

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 16.5482, -0.7169, -19.1364 Background



This preview shows how black text looks on a background with the HunterLab color 16.5482, -0.7169, -19.1364.



This preview shows how white text looks on a background with the HunterLab color 16.5482, -0.7169, -19.1364.

-19.1364.

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

16.5482, -0.7169, -19.1364

Protanopia

16.8505, 2.5802, -16.9625

Deuteranopia

16.8048, 0.1661, -18.5152



Tritanopia

16.5575, -8.0418, -3.3355

Trichromacy



Original Color

16.5482, -0.7169, -19.1364

Protanomaly

16.7061, 0.9806, -18.0190

Deuteranomaly

16.7035, -0.1809, -18.7588

Tritanomaly

16.6163, -5.7974, -8.2540

Monochromacy



Original Color

16.5482, -0.7169, -19.1364

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.5481, -2.5086, -5.3029

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5482, -0.7169, -19.1364 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(0, 48, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 48, 83)  
}
```

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(0, 48, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 48, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5482, -0.7169, -19.1364 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(0, 48, 83) }
```


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

```
.border{ border-color:rgb(0, 48, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 48, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 48, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 48, 83); box-shadow:4px  
4px 4px 4px rgb(0, 48, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5482, -0.7169, -19.1364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 48, 83) }
```

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

```
.background{ background-color: rgb(0, 48,  
83) }
```

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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