

Converting Colors

HunterLab(18.3636, -10.3004,
-0.7174)

Have a look what the booklet for
HunterLab(18.3636, -10.3004,
-0.7174) contains.

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Color

**HunterLab(18.4493,
-10.4828, -0.4307)**

Conversions

Conversions Part 1

Format	Color
Hex	003B37
RGB	0, 59, 55
RGB Percent	0%, 23%, 22%
CMY	1.0000, 0.7686, 0.7843
CMYK	1.00, 0.00, 0.07, 0.77
HSL	176°, 100%, 12%
HSV	176°, 100%, 23%
XYZ	2.2536, 3.4038, 4.1526
YIQ	40.9030, -33.8800, -13.7520

Conversions

Conversions Part 2

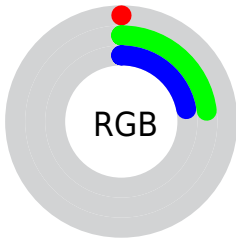
Format	Color
RYB	0, 31, 59
Decimal	15159
CIELab	21.59, -18.40, -2.50
CIELCh	22, 18.569, 187.752
Yxy	3.4039, 0.2297, 0.3470
Android (android.graphics.Color)	4278205239 (0xFF003B37)
YUV	40.9030, 6.9498, -35.8719
Hunter-Lab	18.4493, -10.4828, -0.4307

Details

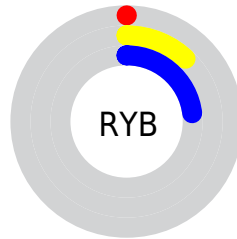
The HunterLab color **18.4493, -10.4828, -0.4307** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **9.6885, 16.6808, 5.5585**, and the grayscale version is **14.8459, -0.7921, 0.8066**.

A 20% lighter version of the original color is **35.0934, -14.1765, 0.1386**, and **5.1564, -2.5839, -0.8673** is the 20% darker color. If you saturate the color by 10%, you get **18.4496, -10.4831, -0.4305**, and if you desaturate by 10%, it is **18.5629, -10.0113, -0.4428**.

Distribution



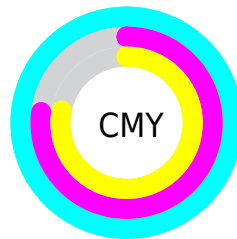
- Red (0%)
- Green (23%)
- Blue (22%)



- Red (0%)
- Yellow (12%)
- Blue (23%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (77%)



- Cyan (100%)
- Magenta (77%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4493, -10.4828, -0.4307 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 18.4493, -10.4828, -0.4307 by changing the saturation by 10% instead.

18.4493, -10.4828,
-0.4307

18.4493, -10.4828,
-0.4307

115.3606,
-25.1546, 3.7067

11.6020, -8.4446,
-0.6147

34.9846, -14.1117,
0.1519

4.2006, -7.3510,
-2.2429

44.4809, -15.7889,
0.5298

0.0000, NaN, NaN

0.0000, NaN, NaN

54.7084, -17.4129,
0.9570

0.0000, NaN, NaN

65.6181, -18.9997,
1.4291

0.0000, NaN, NaN

77.1697, -20.5604,
1.9427

0.0000, NaN, NaN

0.0000, NaN, NaN

89.3293, -22.1028,

2.4950

0.0000, NaN, NaN

■ 102.0681,
-23.6328, 3.0836

■ 18.4493, -10.4828,
-0.4307

■ 18.4493, -10.4828,
-0.4307

■ 18.4496, -10.4831,
-0.4305

■ 18.5629, -10.0113,
-0.4428

■ 18.6772, -9.5392,
-0.4541

■ 18.8183, -8.9653,
-0.4302

■ 18.9969, -8.2512,
-0.3574

■ 19.2147, -7.3953,
-0.2340

■ 19.4728, -6.3988,
-0.0593

■ 19.7717, -5.2656,
0.1666

■ 20.1116, -4.0019,
0.4424

■ 20.4924, -2.6154,
0.7664

Harmonies

Analogous

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



18.4496, -9.9259, 4.4747



18.4493, -10.4828, -0.4307



18.4496, -8.7459, -6.4263

Triad

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



18.4496, -10.4828, -0.4305



18.4496, 6.0757, -9.0609



18.4496, 3.2681, 8.1884

Complementary

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



18.4493, -10.4828, -0.4307



9.6885, 16.6808, 5.5585

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.



18.4496, 8.3168, 6.2364



18.4493, -10.4828, -0.4307



18.4496, 10.0677, -3.3069

Square

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



18.4496, -10.4828, -0.4305



18.4496, 0.4886, -12.2899



18.4496, 10.9333, 2.3323



18.4496, -2.4145, 8.5403

Rectangle

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



18.4493, -10.4828, -0.4307



18.4496, -6.3832, -9.9199



18.4496, 10.9333, 2.3323



18.4496, 5.1145, 7.7334

Sweetspot

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



18.4496, -10.4828, -0.4305



25.5287, -7.0270, 0.1712



17.7758, -14.7837, 10.6943



13.1832, -3.7320, 0.0688



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



18.4496, -10.4828, -0.4305



23.8684, -13.6025, -0.4695



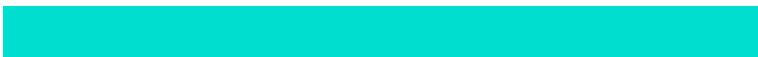
12.1816, -1.1910, -12.6540



11.3816, -1.3269, 0.4537



29.6169, -16.9130, -0.5081



75.2718, -43.2241, -0.7748

Inverse Universe

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



9.6885, 16.6808, 5.5585



12.5237, 21.5380, 7.3889



12.6788, 7.9763, 7.9519



10.8472, 0.1738, 0.7684



15.5314, 26.6883, 9.3363



39.4215, 67.5983, 24.7926

Previews

White Background



This preview shows how the HunterLab color 18.4493, -10.4828, -0.4307 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 18.4493, -10.4828, -0.4307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

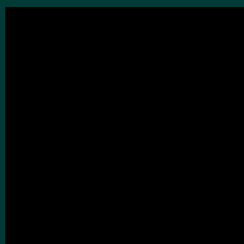
Any Text WCAG AA × Fail

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 18.4493, -10.4828, -0.4307 Background



This preview shows how black text looks on a background with the HunterLab color 18.4493, -10.4828, -0.4307.



This preview shows how white text looks on a background with the HunterLab color 18.4493,

-10.4828, -0.4307.

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

18.4493, -10.4828, -0.4307

Protanopia

18.6528, -0.6143, 1.5277

Deuteranopia

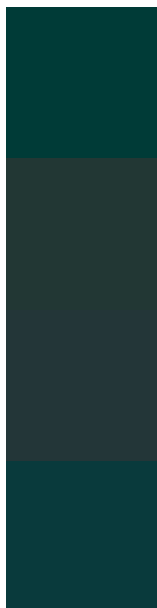
18.6421, 0.8690, -0.8087



Tritanopia

18.6504, -7.8365, -3.5947

Trichromacy



Original Color

18.4493, -10.4828, -0.4307

Protanomaly

18.2219, -5.9713, 0.5529

Deuteranomaly

18.1140, -4.8358, -1.1690

Tritanomaly

18.4674, -8.7208, -2.4981

Monochromacy



Original Color

18.4493, -10.4828, -0.4307

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.9084, -5.6670, 0.0701

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4493, -10.4828, -0.4307 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, 59, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 55)  
}
```

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, 59, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4493, -10.4828, -0.4307 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, 59, 55) }
```


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

```
.border{ border-color:rgb(0, 59, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 55); box-shadow:4px  
4px 4px 4px rgb(0, 59, 55) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.4493, -10.4828, -0.4307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 55) }
```

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

```
.background{ background-color: rgb(0, 59,  
55) }
```

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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