

Converting Colors

HunterLab(17.6511, -20.1258,
-6.1450)

Have a look what the booklet for
HunterLab(17.6511, -20.1258,
-6.1450) contains.

HunterLab(19.8410, -10.1466, -2.8960)	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(19.8410,
-10.1466, -2.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	003F41
RGB	0, 63, 65
RGB Percent	0%, 25%, 25%
CMY	1.0000, 0.7529, 0.7451
CMYK	1.00, 0.03, 0.00, 0.75
HSL	182°, 100%, 13%
HSV	182°, 100%, 25%
XYZ	2.7316, 3.9367, 5.6169
YIQ	44.3910, -38.1900, -12.7340

Conversions

Conversions Part 2

Format	Color
RYB	0, 32, 65
Decimal	16193
CIELab	23.46, -16.93, -6.42
CIELCh	23, 18.109, 200.748
Yxy	3.9368, 0.2224, 0.3204
Android (android.graphics.Color)	4278206273 (0xFF003F41)
YUV	44.3910, 10.1602, -38.9309
Hunter-Lab	19.8410, -10.1466, -2.8960

Details

The HunterLab color **19.8410, -10.1466, -2.8960** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.8043, 17.4684, 6.9628**, and the grayscale version is **15.9760, -0.8524, 0.8680**.

A 20% lighter version of the original color is **36.7300, -13.4018, -2.8202**, and **7.7343, -3.7767, -1.5143** is the 20% darker color. If you saturate the color by 10%, you get **19.8413, -10.1468, -2.8958**, and if you desaturate by 10%, it is **20.0023, -9.8010, -2.6702**.

Distribution



- Red (0%)
- Green (25%)
- Blue (25%)



- Red (0%)
- Yellow (13%)
- Blue (25%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8410, -10.1466, -2.8960 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 19.8410, -10.1466, -2.8960 by changing the saturation by 10% instead.

19.8410, -10.1466,
-2.8960

19.8410, -10.1466,
-2.8960

117.9026,
-23.9620, -0.3355

12.7995, -8.2644,
-2.8461

36.7000, -13.5051,
-2.7342

6.1903, -10.8330,
-3.9589

46.3370, -15.0746,
-2.5471

0.0000, NaN, NaN

0.0000, NaN, NaN

56.6953, -16.6023,
-2.3001

0.0000, NaN, NaN

67.7277, -18.1014,
-1.9990

0.0000, NaN, NaN

79.3953, -19.5812,
-1.6486

0.0000, NaN, NaN

0.0000, NaN, NaN

91.6652, -21.0482,

-1.2526

0.0000, NaN, NaN

104.5092,
-22.5072, -0.8140

19.8410, -10.1466,
-2.8960

19.8410, -10.1466,
-2.8960

19.8413, -10.1468,
-2.8958

20.0023, -9.8010,
-2.6702

20.1664, -9.4455,
-2.4423

20.3646, -8.9601,
-2.1686

20.6050, -8.3165,
-1.8392

20.8896, -7.5123,
-1.4538

■ 21.2192, -6.5491,
-1.0134

■ 21.5944, -5.4311,
-0.5198

■ 22.0153, -4.1652,
0.0242

■ 22.4813, -2.7602,
0.6152

Harmonies

Analogous

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



19.8414, -10.5958, 2.6551



19.8410, -10.1466, -2.8960



19.8414, -7.4149, -8.5849

Triad

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



19.8414, -10.1466, -2.8957



19.8414, 7.9716, -6.5428



19.8414, 0.6987, 8.7552

Complementary

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



19.8410, -10.1466, -2.8960



10.8043, 17.4684, 6.9628

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.



19.8414, 6.2120, 7.4800



19.8410, -10.1466, -2.8960



19.8414, 10.7066, -0.6358

Square

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



19.8414, -10.1466, -2.8957



19.8414, 2.8947, -11.0630



19.8414, 10.0293, 4.3725



19.8414, -4.7268, 8.4616

Rectangle

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



19.8410, -10.1466, -2.8960



19.8414, -4.4820, -11.2057



19.8414, 10.0293, 4.3725



19.8414, 2.6114, 8.5129

Sweetspot

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



19.8414, -10.1466, -2.8957



27.9520, -7.2412, -0.7593



19.4500, -16.6344, 11.5987



14.6239, -3.9436, -0.4611



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



19.8414, -10.1466, -2.8957



25.7120, -13.1280, -3.7983



11.7629, 1.4969, -17.9330



12.1432, -1.3705, 0.3794



29.7527, -15.1795, -4.4202



74.3545, -37.8147, -11.3054

Inverse Universe

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



12.1770, 23.7991, -14.9777



15.7933, 30.8616, -19.3683



14.9811, 6.4334, 9.3435



11.6452, 0.5793, -0.1578



18.2828, 35.7220, -22.3889



45.7678, 89.3811, -55.7138

Previews

White Background



This preview shows how the HunterLab color 19.8410, -10.1466, -2.8960 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 19.8410, -10.1466, -2.8960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

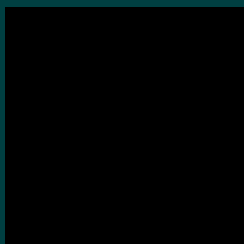
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

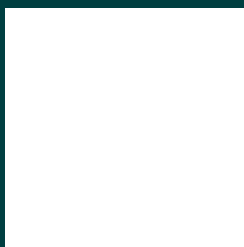
Any Text WCAG AAA × Fail

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

HunterLab 19.8410, -10.1466, -2.8960 Background



This preview shows how black text looks on a background with the HunterLab color 19.8410, -10.1466, -2.8960.



This preview shows how white text looks on a background with the HunterLab color 19.8410,

-10.1466, -2.8960.

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

19.8410, -10.1466, -2.8960

Protanopia

20.0150, -0.3577, -0.7511

Deuteranopia

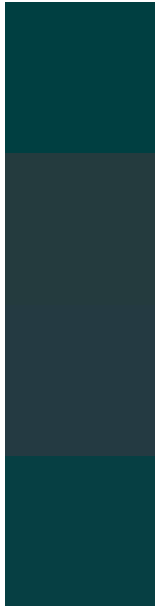
20.0187, 1.2282, -3.3704



Tritanopia

20.0760, -9.0501, -3.9387

Trichromacy



Original Color

19.8410, -10.1466, -2.8960

Protanomaly

19.6234, -5.5876, -1.7757

Deuteranomaly

19.4795, -4.5464, -3.7644

Tritanomaly

19.9974, -9.4156, -3.5866

Monochromacy



Original Color

19.8410, -10.1466, -2.8960

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.9188, -5.5262, -1.0565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8410, -10.1466, -2.8960 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, 63, 65)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 65)  
}
```

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, 63, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8410, -10.1466, -2.8960 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, 63, 65) }
```


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

```
.border{ border-color:rgb(0, 63, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 65); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 65); box-shadow:4px  
4px 4px 4px rgb(0, 63, 65) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.8410, -10.1466, -2.8960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 65) }
```

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

```
.background{ background-color: rgb(0, 63,  
65) }
```

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