

Converting Colors

HunterLab(11.4150, -3.7654,
-11.3427)

Have a look what the booklet for
HunterLab(11.4150, -3.7654,
-11.3427) contains.

HunterLab(11.8760, -2.1773, -10.1438)	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(11.8760, -2.1773,
-10.1438)**

Conversions

Conversions Part 1	
Format	Color
Hex	002236
RGB	0, 34, 54
RGB Percent	0%, 13%, 21%
CMY	1.0000, 0.8667, 0.7882
CMYK	1.00, 0.37, 0.00, 0.79
HSL	202°, 100%, 11%
HSV	202°, 100%, 21%
XYZ	1.2379, 1.4104, 3.6970
YIQ	26.1140, -26.6840, -0.9880

Conversions

Conversions Part 2

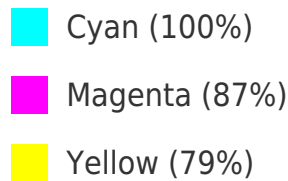
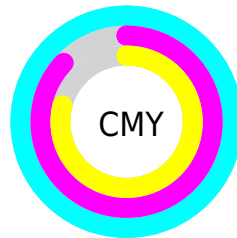
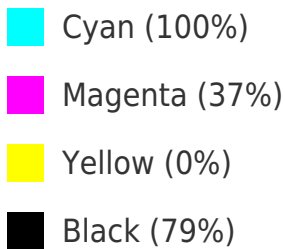
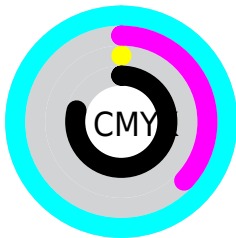
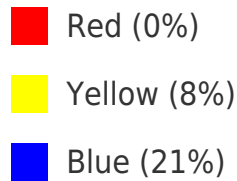
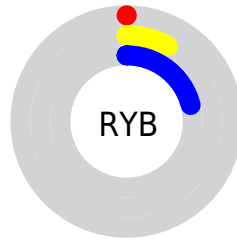
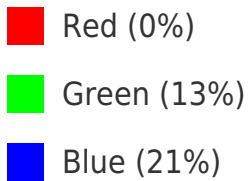
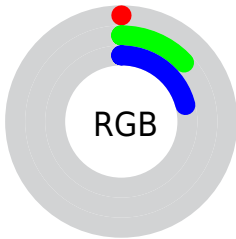
Format	Color
RYB	0, 21, 54
Decimal	8758
CIELab	12.03, -3.17, -16.44
CIELCh	12, 16.743, 259.101
Yxy	1.4104, 0.1951, 0.2223
Android (android.graphics.Color)	4278198838 (0xFF002236)
YUV	26.1140, 13.7478, -22.9020
Hunter-Lab	11.8760, -2.1773, -10.1438

Details

The HunterLab color **11.8760, -2.1773, -10.1438** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.3344, 8.0641, 7.1249**, and the grayscale version is **10.1639, -0.5423, 0.5522**.

A 20% lighter version of the original color is **26.6311, -3.4486, -11.0609**, and **1.2386, 3.3596, -8.8005** is the 20% darker color. If you saturate the color by 10%, you get **11.8759, -2.1770, -10.1442**, and if you desaturate by 10%, it is **12.5020, -2.3982, -8.8897**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.8760, -2.1773, -10.1438 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 11.8760, -2.1773, -10.1438 by changing the saturation by 10% instead.

11.8760, -2.1773,
-10.1438

11.8760, -2.1773,
-10.1438

102.6325, -8.7120,
-11.8048

4.7371, -3.1650,
-14.9659

26.6404, -3.4648,
-10.9624

0.0000, NaN, -NF

0.0000, NaN, NaN

35.3800, -4.1401,
-11.2860

0.0000, NaN, NaN

44.9091, -4.8398,
-11.5361

0.0000, NaN, NaN

0.0000, NaN, NaN

55.1671, -5.5646,
-11.7150

0.0000, NaN, NaN


66.1054, -6.3145,
-11.8270


0.0000, NaN, NaN


77.6840, -7.0893,


0.0000, NaN, NaN


-11.8765


 89.8693, -7.8886,
-11.8678


 11.8760, -2.1773,
-10.1438


 11.8760, -2.1773,
-10.1438


 11.8759, -2.1770,
-10.1442

 12.5020, -2.3982,
-8.8897

 13.1241, -2.6418,
-7.7260

 13.7693, -2.8120,
-6.5927

 14.4514, -2.8586,
-5.4639

 15.1684, -2.7897,
-4.3439

■ 15.9184, -2.6143,
-3.2360

■ 16.6993, -2.3414,
-2.1422

■ 17.5089, -1.9800,
-1.0640

■ 18.3455, -1.5385,
-0.0019

Harmonies

Analogous

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



11.8762, -5.6366, -7.0926



11.8760, -2.1773, -10.1438



11.8762, 2.2333, -9.6187

Triad

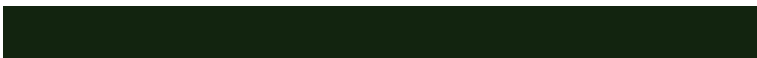
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.8762, -2.1771, -10.1435



11.8762, 8.3639, 2.9698



11.8762, -6.3264, 4.9018

Complementary

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



11.8760, -2.1773, -10.1438



11.3344, 8.0641, 7.1249

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.



11.8762, -3.2533, 6.5978



11.8760, -2.1773, -10.1438



11.8762, 5.3634, 5.4929

Square

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



11.8762, -2.1771, -10.1435



11.8762, 8.7624, -0.9612



11.8762, 0.9915, 6.8141



11.8762, -7.7920, 2.0567

Rectangle

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



11.8760, -2.1773, -10.1438



11.8762, 5.1246, -7.3499



11.8762, 0.9915, 6.8141



11.8762, -5.4696, 5.6107

Sweetspot

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



11.8762, -2.1771, -10.1435



21.7821, -3.1426, -3.0431



16.3956, -12.9745, 7.5158



11.3259, -1.6616, -1.6623



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



11.8762, -2.1771, -10.1435



15.2755, -2.3461, -14.0284



6.5016, 9.0502, -27.6618



10.3839, -0.8209, 0.0934



19.4296, -2.5273, -18.8296



48.2998, -3.4974, -52.8206

Inverse Universe

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



9.4859, 17.4608, -3.3084



12.4253, 22.8006, -3.7689



16.7374, -2.3096, 10.2728



10.1614, 0.3303, 0.2131



16.0264, 29.3391, -4.3209



41.1628, 74.9556, -7.9979

Previews

White Background



This preview shows how the HunterLab color 11.8760, -2.1773, -10.1438 looks on a white background.

Color Contrast Check

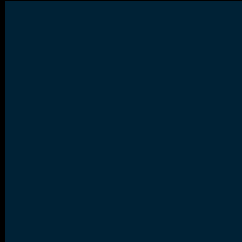
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.8760, -2.1773, -10.1438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

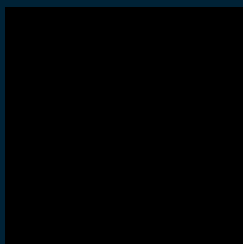
Any Text WCAG AA × Fail

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 11.8760, -2.1773, -10.1438 Background



This preview shows how black text looks on a background with the HunterLab color 11.8760, -2.1773, -10.1438.



This preview shows how white text looks on a background with the HunterLab color 11.8760, -2.1773, -10.1438.

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

11.8760, -2.1773, -10.1438

Protanopia

12.1968, 1.1530, -8.2570

Deuteranopia

12.1764, 0.0819, -9.4893



Tritanopia

11.8669, -5.7691, -2.3787

Trichromacy



Original Color
11.8760, -2.1773, -10.1438

Protanomaly
12.0620, -0.3883, -9.1303

Deuteranomaly
11.9382, -0.7406, -9.9896

Tritanomaly
11.7640, -4.5691, -4.8407

Monochromacy



Original Color
11.8760, -2.1773, -10.1438

Achromatopsia
10.1636, -0.5423, 0.5522

Achromatomaly
10.6079, -1.9224, -2.8259

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.8760, -2.1773, -10.1438 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, 34, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 34, 54)  
}
```

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, 34, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 34, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 11.8760, -2.1773, -10.1438 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, 34, 54) }
```


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

```
.border{ border-color:rgb(0, 34, 54) }
```

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

Here you see how a box with a 4 pixel rgb(0, 34, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 34, 54); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 34, 54); box-shadow:4px  
4px 4px 4px rgb(0, 34, 54) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.8760, -2.1773, -10.1438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 34, 54) }
```

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

```
.background{ background-color: rgb(0, 34,  
54) }
```

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