

Converting Colors

HunterLab(18.7515, -9.9627,
8.0077)

Have a look what the booklet for
HunterLab(18.7515, -9.9627, 8.0077)
contains.

HunterLab(18.8339, -10.0094, 8.1659)	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(18.8339,
-10.0094, 8.1659)**

Conversions

Conversions Part 1

Format	Color
Hex	223B1B
RGB	34, 59, 27
RGB Percent	13%, 23%, 11%
CMY	0.8667, 0.7686, 0.8941
CMYK	0.42, 0.00, 0.54, 0.77
HSL	107°, 37%, 17%
HSV	107°, 54%, 23%
XYZ	2.4215, 3.5472, 1.5940
YIQ	47.8770, -4.6280, -15.2520

Conversions

Conversions Part 2

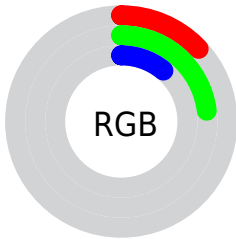
Format	Color
RYB	27, 59, 52
Decimal	2243355
CIELab	22.11, -17.16, 16.79
CIElCh	22, 24.007, 135.628
Yxy	3.5473, 0.3202, 0.4690
Android (android.graphics.Color)	4280433435 (0xFF223B1B)
YUV	47.8770, -10.2924, -12.1701
Hunter-Lab	18.8339, -10.0094, 8.1659

Details

The HunterLab color **18.8339, -10.0094, 8.1659** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.5270, 10.6063, -9.6157**, and the grayscale version is **17.1858, -0.9170, 0.9337**.

A 20% lighter version of the original color is **35.3107, -13.2665, 11.5166**, and **5.6042, -4.8056, 3.3692** is the 20% darker color. If you saturate the color by 10%, you get **18.5729, -11.1846, 8.9683**, and if you desaturate by 10%, it is **19.1340, -8.6772, 7.2024**.

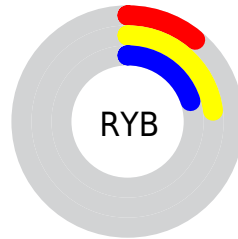
Distribution



Red (13%)

Green (23%)

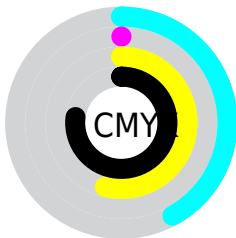
Blue (11%)



Red (11%)

Yellow (23%)

Blue (20%)

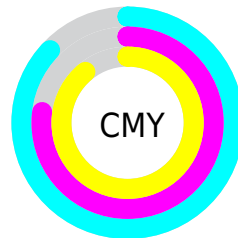


Cyan (42%)

Magenta (0%)

Yellow (54%)

Black (77%)



Cyan (87%)

Magenta (77%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.8339, -10.0094, 8.1659 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 18.8339, -10.0094, 8.1659 by changing the saturation by 10% instead.

■ 18.8339, -10.0094,
8.1659

■ 18.8339, -10.0094,
8.1659

■ 116.0675,
-23.9930, 22.1372

■ 11.9319, -8.0770,
6.9285

■ 35.4601, -13.4307,
11.6168

■ 4.8383, -8.4671,
3.3868

■ 44.9959, -15.0222,
13.2109

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.2600, -16.5683,
14.7549

0.0000, NaN, NaN

■ 66.2041, -18.0835,
16.2646

0.0000, NaN, NaN

■ 77.7881, -19.5774,
17.7509

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.9786, -21.0570,

102.7468,
-22.5276, 20.6822

18.8339, -10.0094,
8.1659

18.8339, -10.0094,
8.1659

18.5729, -11.1846,
8.9683

19.1340, -8.6772,
7.2024

18.3495, -12.1967,
9.6088

19.4720, -7.1943,
6.0806

18.1631, -13.0444,
10.0919

19.8481, -5.5704,
4.8065

18.0052, -13.7738,
10.5321

20.2617, -3.8161,
3.3878

17.9247, -14.1538,
10.7973

20.7119, -1.9427,
1.8334

■ 21.1977, 0.0381,
0.1532

■ 21.7180, 2.1147,
-1.6426

■ 22.2715, 4.2759,
-3.5436

■ 22.8568, 6.5112,
-5.5399

Harmonies

Analogous

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



18.8343, -4.6331, 9.8728



18.8339, -10.0094, 8.1659



18.8343, -12.7456, 4.0420

Triad

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



18.8343, -10.0098, 8.1660



18.8343, -4.3584, -16.9906



18.8343, 14.4720, 4.2733

Complementary

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



18.8339, -10.0094, 8.1659



13.5270, 10.6063, -9.6157

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.



18.8343, 14.5755, -2.5914



18.8339, -10.0094, 8.1659



18.8343, 2.9183, -16.8522

Square

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



18.8343, -10.0098, 8.1660



18.8343, -9.8352, -11.2042



18.8343, 10.0897, -10.8771



18.8343, 9.8254, 8.2797

Rectangle

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



18.8339, -10.0094, 8.1659



18.8343, -13.0177, -0.3290



18.8343, 10.0897, -10.8771



18.8343, 15.0604, 2.2858

Sweetspot

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



18.8343, -10.0098, 8.1660



26.0811, -5.5203, 4.8595



18.5031, -1.4241, 8.0538



13.4812, -2.9126, 2.5602



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.



18.8343, -10.0098, 8.1660



23.9199, -14.9892, 11.9404



18.6699, -10.4202, 6.1391



11.3609, -1.5243, 1.3899



28.6763, -23.1963, 17.2641



72.6665, -60.0436, 43.7256

Inverse Universe

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



13.5270, 10.6063, -9.6157



15.6448, 17.4640, -16.3132



13.9575, 11.1473, -4.2489



10.8659, 0.3679, -0.2216



15.0297, 31.1576, -32.2936



37.6659, 78.4841, -84.0326

Previews

White Background



This preview shows how the HunterLab color 18.8339, -10.0094, 8.1659 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

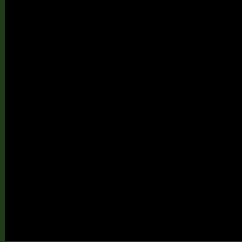
Any Text WCAG AA × Fail

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 18.8339, -10.0094, 8.1659 Background



This preview shows how black text looks on a background with the HunterLab color 18.8339, -10.0094, 8.1659.



This preview shows how white text looks on a background with the HunterLab color 18.8339,

-10.0094, 8.1659.

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

18.8339, -10.0094, 8.1659

Protanopia

18.8314, -2.1277, 8.6709

Deuteranopia

18.6915, 1.1185, 7.8501



Tritanopia

18.7343, -3.6592, -2.0494

Trichromacy



Original Color

18.8339, -10.0094, 8.1659

Protanomaly

18.6683, -5.2465, 8.3077

Deuteranomaly

18.4779, -3.3168, 7.8028

Tritanomaly

18.5844, -6.1383, 2.4231

Monochromacy



Original Color

18.8339, -10.0094, 8.1659

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.6714, -4.5888, 4.0733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.8339, -10.0094, 8.1659 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(34, 59, 27)` looks like.

```
.text, #text, p{  
    color:rgb(34, 59, 27)  
}
```

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(34, 59, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 59, 27) }
```

Border

The CSS property to change the border of an element to HunterLab 18.8339, -10.0094, 8.1659 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(34, 59, 27) }
```


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

```
.border{ border-color:rgb(34, 59, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 59, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 59, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 59, 27);  
box-shadow:4px 4px 4px 4px rgb(34, 59, 27)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 18.8339, -10.0094, 8.1659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 59, 27) }
```

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

```
.background{ background-color: rgb(34, 59,  
27) }
```

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