

Converting Colors

HunterLab(20.8076, -11.9650,
8.5122)

Have a look what the booklet for
HunterLab(20.8076, -11.9650,
8.5122) contains.

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Color

**HunterLab(20.8076,
-11.9650, 8.5122)**

Conversions

Conversions Part 1

Format	Color
Hex	214221
RGB	33, 66, 33
RGB Percent	13%, 26%, 13%
CMY	0.8706, 0.7412, 0.8706
CMYK	0.50, 0.00, 0.50, 0.74
HSL	120°, 33%, 19%
HSV	120°, 50%, 26%
XYZ	2.8499, 4.3296, 2.1243
YIQ	52.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

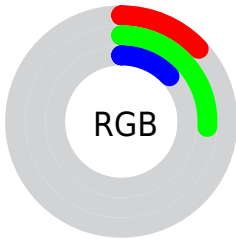
Format	Color
RYB	33, 66, 66
Decimal	2179617
CIELab	24.73, -20.24, 16.39
CIELCh	25, 26.039, 141.000
Yxy	4.3297, 0.3063, 0.4654
Android (android.graphics.Color)	4280369697 (0xFF214221)
YUV	52.3710, -9.5499, -16.9884
Hunter-Lab	20.8076, -11.9650, 8.5122




Details

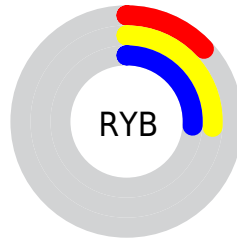
The HunterLab color **20.8076, -11.9650, 8.5122** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16.2462, 13.0362, -8.5717**, and the grayscale version is **18.6897, -0.9972, 1.0154**.




A 20% lighter version of the original color is **37.8023, -15.6260, 11.7153**, and **8.3382, -7.1500, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **20.4888, -13.4169, 9.4937**, and if you desaturate by 10%, it is **21.1902, -10.2604, 7.3598**.

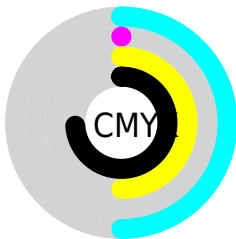
Distribution







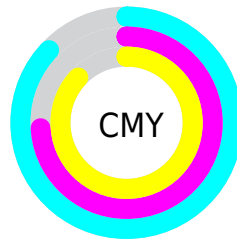
-  Red (13%)
-  Green (26%)
-  Blue (13%)






-  Red (13%)
-  Yellow (26%)
-  Blue (26%)



-  Cyan (50%)
-  Magenta (0%)
-  Yellow (50%)
-  Black (74%)



-  Cyan (87%)
-  Magenta (74%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8076, -11.9650, 8.5122 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 20.8076, -11.9650, 8.5122 by changing the saturation by 10% instead.

■ 20.8076, -11.9650,
8.5122

■ 20.8076, -11.9650,
8.5122

■ 119.6439,
-27.4831, 22.1634

■ 13.6370, -9.7942,
6.8058

■ 37.8834, -15.8063,
11.8408

■ 7.2385, -12.5686,
5.0670

■ 47.6152, -17.5849,
13.3925

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0616, -19.3064,
14.9012

0.0000, NaN, NaN

■ 69.1768, -20.9869,
16.3808

0.0000, NaN, NaN

■ 80.9226, -22.6377,
17.8407

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.2670, -24.2668,

19.2880

0.0000, NaN, NaN

106.1821,
-25.8804, 20.7276

20.8076, -11.9650,
8.5122

20.8076, -11.9650,
8.5122

20.4888, -13.4169,
9.4937

21.1902, -10.2604,
7.3598

20.2312, -14.6068,
10.2983

21.6355, -8.3163,
6.0458

20.0331, -15.5340,
10.9253

22.1434, -6.1514,
4.5827

19.8838, -16.2402,
11.4028

22.7126, -3.7870,
2.9851

19.7398, -16.9268,
11.8671

23.3415, -1.2457,
1.2684

■ 24.0277, 1.4496,
-0.5521

■ 24.7688, 4.2768,
-2.4613

■ 25.5623, 7.2155,
-4.4454

■ 26.4053, 10.2470,
-6.4916

Harmonies

Analogous

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



20.8080, -6.4465, 10.8106



20.8076, -11.9650, 8.5122



20.8080, -14.4637, 3.3370

Triad

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



20.8080, -11.9654, 8.5124



20.8080, -3.5119, -19.6895



20.8080, 15.6766, 5.8074

Complementary

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



20.8076, -11.9650, 8.5122



16.2462, 13.0362, -8.5717

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.



20.8080, 16.7860, -1.3429



20.8076, -11.9650, 8.5122



20.8080, 4.8222, -18.2024

Square

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



20.8080, -11.9654, 8.5124



20.8080, -10.1023, -14.1468



20.8080, 12.5565, -10.6352



20.8080, 9.7247, 9.7201

Rectangle

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



20.8076, -11.9650, 8.5122



20.8080, -14.3942, -1.9250



20.8080, 12.5565, -10.6352



20.8080, 16.6609, 3.7868

Sweetspot

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



20.8080, -11.9654, 8.5124



29.4991, -6.7833, 5.1452



22.7260, -4.6636, 10.1682



14.9830, -3.5839, 2.7076



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.



20.8080, -11.9654, 8.5124



26.9056, -18.1265, 12.8122



21.0854, -10.3132, 4.4849



12.0934, -1.8145, 1.4522



29.2077, -25.0456, 17.5591



73.1619, -62.7362, 43.9836

Inverse Universe

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



16.2462, 13.0362, -8.5717



19.6935, 21.7524, -14.4367



15.7227, 10.5831, -1.2941



11.6477, 0.5925, -0.1927



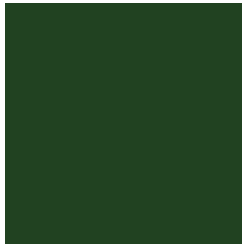
18.4311, 36.2360, -24.3083



46.1677, 90.7668, -60.8890

Previews

White Background



This preview shows how the HunterLab color 20.8076, -11.9650, 8.5122 looks on a white background.

Color Contrast Check

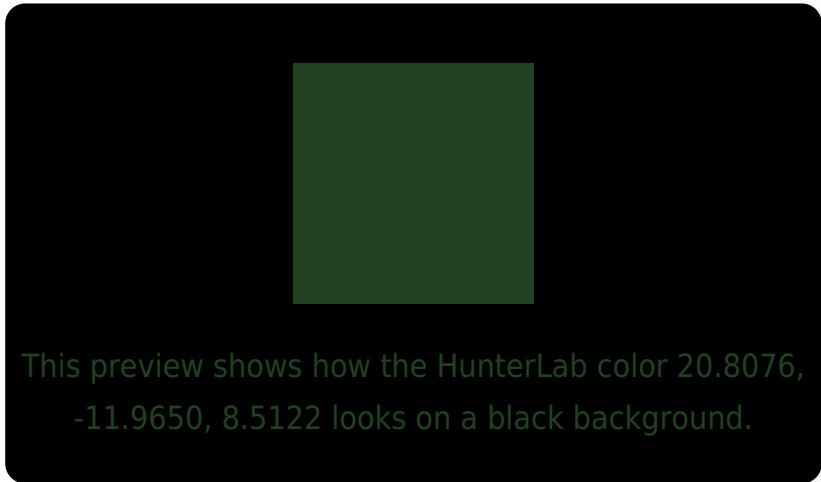
Large Text (above 18pt) WCAG AA ✓ Pass

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

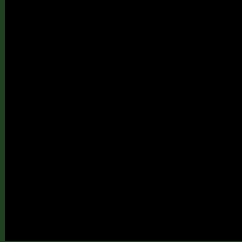
Any Text WCAG AA × Fail

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 20.8076, -11.9650, 8.5122 Background



This preview shows how black text looks on a background with the HunterLab color 20.8076, -11.9650, 8.5122.



This preview shows how white text looks on a background with the HunterLab color 20.8076,

-11.9650, 8.5122.

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

20.8076, -11.9650, 8.5122

Protanopia

20.8458, -2.4147, 9.3093

Deuteranopia

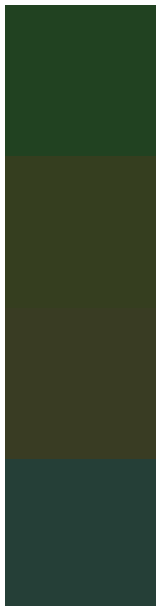
20.7251, 1.0340, 8.0140



Tritanopia

20.7403, -5.2194, -2.4914

Trichromacy



Original Color

20.8076, -11.9650, 8.5122

Protanomaly

20.7390, -6.7012, 8.9559

Deuteranomaly

20.5498, -4.6345, 7.9938

Tritanomaly

20.5528, -7.9145, 2.0992

Monochromacy



Original Color

20.8076, -11.9650, 8.5122

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.1667, -5.4258, 4.0357

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8076, -11.9650, 8.5122 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(33, 66, 33)` looks like.

```
.text, #text, p{  
    color:rgb(33, 66, 33)  
}
```

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(33, 66, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 66, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8076, -11.9650, 8.5122 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(33, 66, 33) }
```


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

```
.border{ border-color:rgb(33, 66, 33) }
```

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

Here you see how a box with a 4 pixel rgb(33, 66, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 66, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 66, 33);  
box-shadow:4px 4px 4px 4px rgb(33, 66, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8076, -11.9650, 8.5122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 66, 33) }
```

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

```
.background{ background-color: rgb(33, 66,  
33) }
```

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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