

Converting Colors

HunterLab(20.8875, -11.6154,
4.8880)

Have a look what the booklet for
HunterLab(20.8875, -11.6154,
4.8880) contains.

HunterLab(20.7877, -11.5857, 4.9360)	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(20.7877,
-11.5857, 4.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	1A422F
RGB	26, 66, 47
RGB Percent	10%, 26%, 18%
CMY	0.8980, 0.7412, 0.8157
CMYK	0.61, 0.00, 0.29, 0.74
HSL	151°, 43%, 18%
HSV	151°, 61%, 26%
XYZ	2.8873, 4.3213, 3.3713
YIQ	51.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

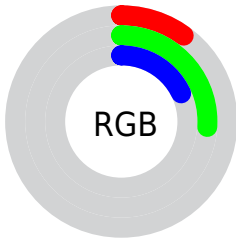
Format	Color
R_{YB}	26, 52, 66
Decimal	1720879
CIE _{Lab}	24.71, -19.45, 7.38
CIE _{LCh}	25, 20.802, 159.215
Yxy	4.3215, 0.2729, 0.4084
Android (android.graphics.Color)	4279910959 (0xFF1A422F)
YUV	51.8740, -2.4029, -22.6915
Hunter-Lab	20.7877, -11.5857, 4.9360




Details

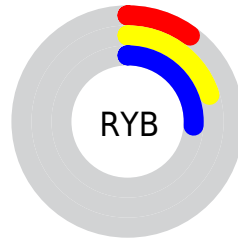
The HunterLab color **20.7877, -11.5857, 4.9360** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.4450, 12.9043, -1.0636**, and the grayscale version is **18.5011, -0.9872, 1.0052**.

A 20% lighter version of the original color is **37.7378, -15.2373, 6.7169**, and **8.3382, -7.1500, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **20.5425, -12.6895, 5.5967**, and if you desaturate by 10%, it is **21.0828, -10.2974, 4.2813**.

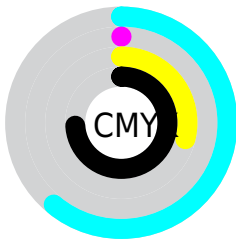
Distribution







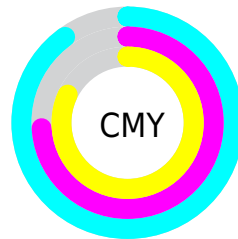
-  Red (10%)
-  Green (26%)
-  Blue (18%)






-  Red (10%)
-  Yellow (20%)
-  Blue (26%)



-  Cyan (61%)
-  Magenta (0%)
-  Yellow (29%)
-  Black (74%)



-  Cyan (90%)
-  Magenta (74%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7877, -11.5857, 4.9360 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 20.7877, -11.5857, 4.9360 by changing the saturation by 10% instead.

■ 20.7877, -11.5857,
4.9360

■ 20.7877, -11.5857,
4.9360

■ 119.6082,
-26.6858, 13.8524

■ 13.6197, -9.4898,
3.9301

■ 37.8591, -15.3056,
6.8757

■ 7.2186, -12.1252,
4.6317

■ 47.5889, -17.0326,
7.8400

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0335, -18.7066,
8.8105

0.0000, NaN, NaN

■ 69.1470, -20.3430,
9.7911

0.0000, NaN, NaN

■ 80.8913, -21.9523,
10.7842

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.2342, -23.5423,

11.7915

0.0000, NaN, NaN

106.1479,
-25.1186, 12.8139

20.7877, -11.5857,
4.9360

20.7877, -11.5857,
4.9360

20.5425, -12.6895,
5.5967

21.0828, -10.2974,
4.2813

20.3442, -13.6068,
6.2556

21.4276, -8.8293,
3.6386

20.1840, -14.3691,
6.8992

21.8228, -7.1907,
3.0142

20.0397, -15.0590,
7.4603

22.2683, -5.3930,
2.4135

22.7634, -3.4496,
1.8409

■ 23.3070, -1.3750,
1.2999

■ 23.8979, 0.8161,
0.7932

■ 24.5343, 3.1093,
0.3226

■ 25.2145, 5.4905,
-0.1109

Harmonies

Analogous

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



20.7881, -8.4614, 8.4162



20.7877, -11.5857, 4.9360



20.7881, -12.0998, -0.8715

Triad

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



20.7881, -11.5859, 4.9362



20.7881, 0.9369, -14.4290



20.7881, 9.5284, 7.3504

Complementary

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



20.7877, -11.5857, 4.9360



14.4450, 12.9043, -1.0636

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.



20.7881, 12.7771, 2.9532



20.7877, -11.5857, 4.9360



20.7881, 7.4296, -10.3990

Square

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



20.7881, -11.5859, 4.9362



20.7881, -5.3770, -13.4013



20.7881, 11.9650, -3.5638



20.7881, 3.5309, 9.4818

Rectangle

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



20.7877, -11.5857, 4.9360



20.7881, -10.9647, -5.5758



20.7881, 11.9650, -3.5638



20.7881, 11.0097, 6.1538

Sweetspot

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



20.7881, -11.5859, 4.9362



29.4614, -6.6551, 3.0406



21.2995, -10.1907, 10.2257



14.9516, -3.5607, 1.6012



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.



20.7881, -11.5859, 4.9362



26.9197, -17.4285, 7.8615



21.0526, -8.7011, -1.6962



12.1309, -1.6056, 0.9151



29.6122, -22.5245, 11.6113



74.0473, -57.2113, 30.9500

Inverse Universe

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



14.4450, 12.9043, -1.0636



17.0364, 21.2186, -1.0519



14.1477, 10.7916, 4.8110



11.6066, 0.3715, 0.3909



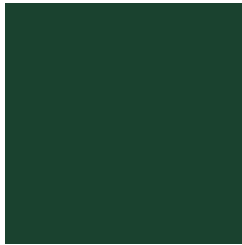
16.5329, 29.5076, 1.4242



41.1877, 73.0915, 6.7977

Previews

White Background



This preview shows how the HunterLab color 20.7877, -11.5857, 4.9360 looks on a white background.

Color Contrast Check

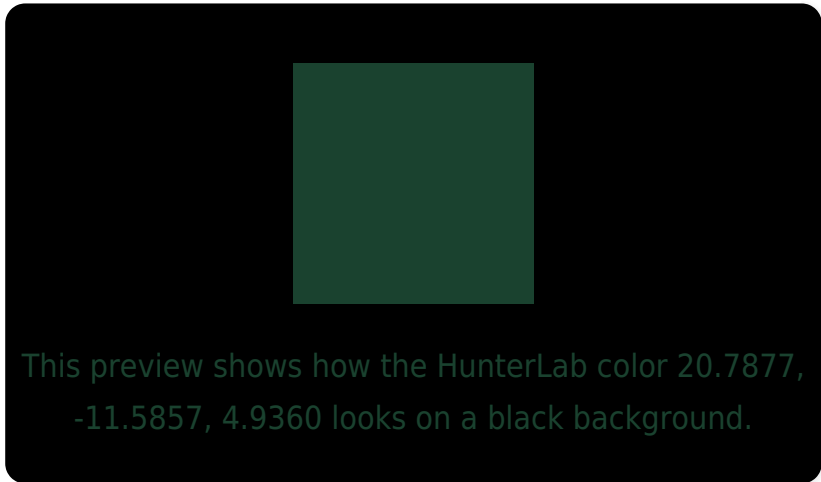
Large Text (above 18pt) WCAG AA ✓ Pass

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

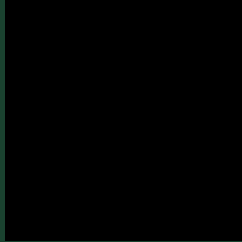
Any Text WCAG AA × Fail

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 20.7877, -11.5857, 4.9360 Background



This preview shows how black text looks on a background with the HunterLab color 20.7877, -11.5857, 4.9360.



This preview shows how white text looks on a background with the HunterLab color 20.7877,

-11.5857, 4.9360.

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

20.7877, -11.5857, 4.9360

Protanopia

20.6512, -1.4134, 5.8592

Deuteranopia

20.6858, 1.3574, 4.4418



Tritanopia

20.7261, -6.5745, -2.9882

Trichromacy



Original Color

20.7877, -11.5857, 4.9360

Protanomaly

20.5062, -5.7870, 5.3565

Deuteranomaly

20.4988, -4.3718, 4.4668

Tritanomaly

20.6617, -8.6471, 0.3130

Monochromacy



Original Color

20.7877, -11.5857, 4.9360

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.1576, -5.2463, 2.3739

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7877, -11.5857, 4.9360 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(26, 66, 47)` looks like.

```
.text, #text, p{  
    color:rgb(26, 66, 47)  
}
```

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(26, 66, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 66, 47) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7877, -11.5857, 4.9360 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(26, 66, 47) }
```


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

```
.border{ border-color:rgb(26, 66, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 66, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 66, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 66, 47);  
box-shadow:4px 4px 4px 4px rgb(26, 66, 47)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7877, -11.5857, 4.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 66, 47) }
```

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

```
.background{ background-color: rgb(26, 66,  
47) }
```

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