

Converting Colors

HunterLab(20.9887, -11.1331,
7.7938)

Have a look what the booklet for
HunterLab(20.9887, -11.1331,
7.7938) contains.

HunterLab(20.9883, -11.1327, 7.7936)	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(20.9883,
-11.1327, 7.7936)**

Conversions

Conversions Part 1

Format	Color
Hex	244225
RGB	36, 66, 37
RGB Percent	14%, 26%, 15%
CMY	0.8588, 0.7412, 0.8549
CMYK	0.45, 0.00, 0.44, 0.74
HSL	122°, 29%, 20%
HSV	122°, 45%, 26%
XYZ	3.0097, 4.4051, 2.4419
YIQ	53.7240, -8.5710, -15.3790

Conversions

Conversions Part 2

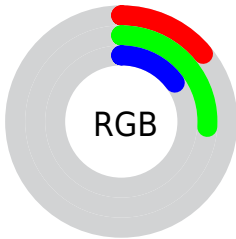
Format	Color
RYB	36, 65, 66
Decimal	2376229
CIELab	24.97, -18.40, 14.23
CIELCh	25, 23.263, 142.278
Yxy	4.4053, 0.3053, 0.4469
Android (android.graphics.Color)	4280566309 (0xFF244225)
YUV	53.7240, -8.2449, -15.5439
Hunter-Lab	20.9883, -11.1327, 7.7936

Details

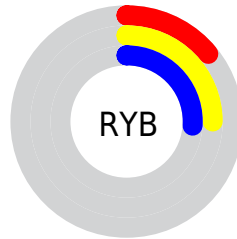
The HunterLab color **20.9883, -11.1327, 7.7936** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **16.7384, 11.5717, -7.1982**, and the grayscale version is **19.1427, -1.0214, 1.0401**.

A 20% lighter version of the original color is **38.0563, -14.4993, 10.7597**, and **8.3382, -7.1500, 5.0128** is the 20% darker color. If you saturate the color by 10%, you get **20.6413, -12.6979, 8.8480**, and if you desaturate by 10%, it is **21.3982, -9.3269, 6.5875**.

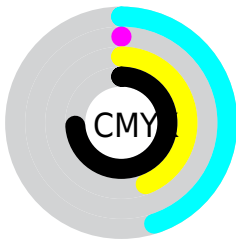
Distribution



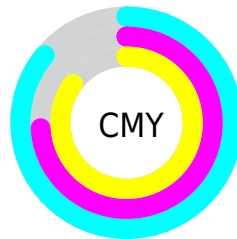
- Red (14%)
- Green (26%)
- Blue (15%)



- Red (14%)
- Yellow (25%)
- Blue (26%)



- Cyan (45%)
- Magenta (0%)
- Yellow (44%)
- Black (74%)



- Cyan (86%)
- Magenta (74%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9883, -11.1327, 7.7936 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 20.9883, -11.1327, 7.7936 by changing the saturation by 10% instead.

■ 20.9883, -11.1327,
7.7936

■ 20.9883, -11.1327,
7.7936

■ 119.9673,
-25.6689, 20.2715

■ 13.7940, -9.1421,
6.1777

■ 38.1040, -14.6862,
10.7744

■ 7.4164, -11.2075,
5.1915

■ 47.8531, -16.3433,
12.1800

0.0000, NaN, NaN

■ 58.3158, -17.9534,
13.5552

0.0000, NaN, NaN

■ 69.4462, -19.5305,
14.9115

0.0000, NaN, NaN

■ 81.2066, -21.0844,
16.2565


0.0000, NaN, NaN


■ 93.5647, -22.6221,


0.0000, NaN, NaN


17.5956


0.0000, NaN, NaN


 106.4930,
-24.1489, 18.9330


 20.9883, -11.1327,
7.7936


 20.9883, -11.1327,
7.7936


 20.6413, -12.6979,
8.8480


 21.3982, -9.3269,
6.5875


 20.3553, -14.0101,
9.7420


 21.8697, -7.2954,
5.2404


 20.1290, -15.0650,
10.4715

 22.4021, -5.0580,
3.7655

 19.9596, -15.8653,
11.0368

 22.9942, -2.6363,
2.1772

 19.8170, -16.5407,
11.4833

 23.6439, -0.0525,
0.4901

■ 19.7521, -16.8502,
11.6864

■ 24.3489, 2.6716,
-1.2816

■ 25.1069, 5.5150,
-3.1245

■ 25.9151, 8.4586,
-5.0263

■ 26.7709, 11.4852,
-6.9760

Harmonies

Analogous

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



20.9887, -6.1941, 10.1388



20.9883, -11.1327, 7.7936



20.9887, -13.3253, 2.8630

Triad

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



20.9887, -11.1331, 7.7938



20.9887, -2.9788, -16.9240



20.9887, 13.5538, 5.6103

Complementary

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



20.9883, -11.1327, 7.7936



16.7384, 11.5717, -7.1982

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.



20.9887, 14.7243, -0.7373



20.9883, -11.1327, 7.7936



20.9887, 4.4849, -15.4047

Square

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



20.9887, -11.1331, 7.7938



20.9887, -9.0562, -12.4449



20.9887, 11.2109, -8.8099



20.9887, 8.2022, 9.2127

Rectangle

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



20.9883, -11.1327, 7.7936



20.9887, -13.1782, -1.9084



20.9887, 11.2109, -8.8099



20.9887, 14.4764, 3.7946

Sweetspot

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



20.9887, -11.1331, 7.7938



29.5867, -6.4056, 4.7915



22.6889, -4.7211, 9.5365



15.0226, -3.4114, 2.5381



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.



20.9887, -11.1331, 7.7938



27.1236, -17.0976, 11.9070



21.2594, -9.5321, 3.8722



12.0957, -1.8016, 1.4188



29.2199, -24.9695, 17.3797



73.1731, -62.6659, 43.8177

Inverse Universe

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



16.7384, 11.5717, -7.1982



20.3014, 19.6242, -12.3131



16.2800, 9.3756, -0.7944



11.6450, 0.5782, -0.1549



18.2705, 35.6793, -22.2291



45.7347, 89.2661, -55.2833

Previews

White Background



This preview shows how the HunterLab color 20.9883, -11.1327, 7.7936 looks on a white background.

Color Contrast Check

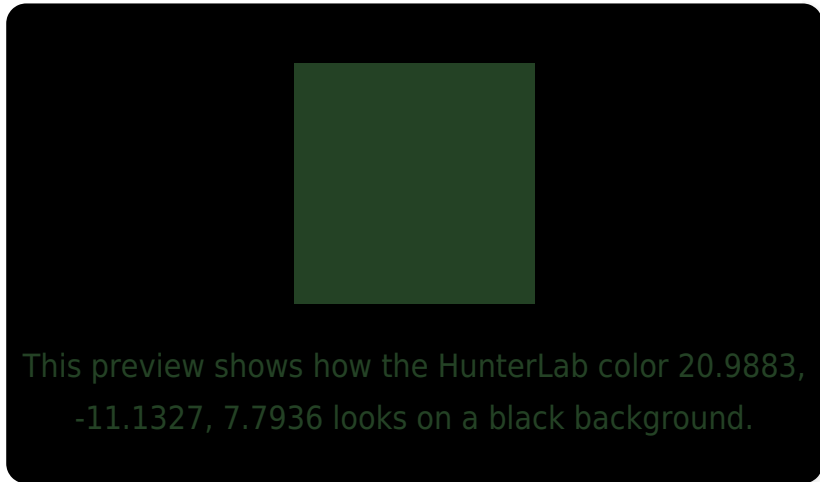
Large Text (above 18pt) WCAG AA ✓ Pass

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

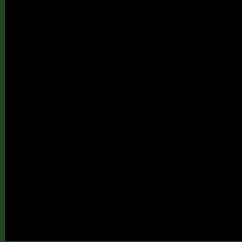
Any Text WCAG AA × Fail

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 20.9883, -11.1327, 7.7936 Background



This preview shows how black text looks on a background with the HunterLab color 20.9883, -11.1327, 7.7936.



This preview shows how white text looks on a background with the HunterLab color 20.9883,

-11.1327, 7.7936.

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

20.9883, -11.1327, 7.7936

Protanopia

20.8979, -2.1263, 8.5464

Deuteranopia

21.0055, 0.8672, 7.5409



Tritanopia

20.8683, -4.6925, -2.7611

Trichromacy



Original Color

20.9883, -11.1327, 7.7936

Protanomaly

20.8587, -6.1464, 8.2256

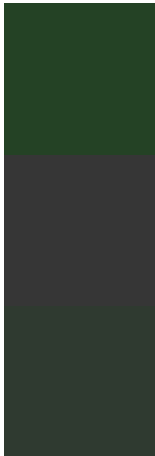
Deuteranomaly

20.6669, -4.1183, 7.4021

Tritanomaly

20.7401, -7.1098, 1.5898

Monochromacy



Original Color

20.9883, -11.1327, 7.7936

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.6057, -5.0041, 3.5370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9883, -11.1327, 7.7936 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(36, 66, 37)` looks like.

```
.text, #text, p{  
    color:rgb(36, 66, 37)  
}
```

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(36, 66, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 66, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9883, -11.1327, 7.7936 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(36, 66, 37) }
```


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

```
.border{ border-color:rgb(36, 66, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 66, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 66, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 66, 37);  
box-shadow:4px 4px 4px 4px rgb(36, 66, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.9883, -11.1327, 7.7936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 66, 37) }
```

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

```
.background{ background-color: rgb(36, 66,  
37) }
```

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