

Converting Colors

HunterLab(19.7900, -8.9639,
7.4342)

Have a look what the booklet for
HunterLab(19.7900, -8.9639, 7.4342)
contains.

HunterLab(19.7588, -8.9888, 7.4767)	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(19.7588, -8.9888,
7.4767)**

Conversions

Conversions Part 1

Format	Color
Hex	283D22
RGB	40, 61, 34
RGB Percent	16%, 24%, 13%
CMY	0.8431, 0.7608, 0.8667
CMYK	0.34, 0.00, 0.44, 0.76
HSL	107°, 28%, 19%
HSV	107°, 44%, 24%
XYZ	2.8325, 3.9041, 2.1177
YIQ	51.6430, -3.8490, -12.8490

Conversions

Conversions Part 2

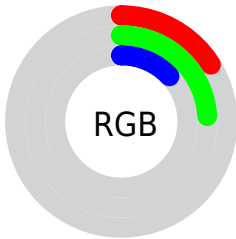
Format	Color
R_{YB}	34, 61, 55
Decimal	2637090
CIE Lab	23.35, -14.60, 14.06
CIE LCh	23, 20.273, 136.078
Yxy	3.9043, 0.3199, 0.4409
Android (android.graphics.Color)	4280827170 (0xFF283D22)
YUV	51.6430, -8.6980, -10.2109
Hunter-Lab	19.7588, -8.9888, 7.4767

Details

The HunterLab color **19.7588, -8.9888, 7.4767** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **15.1438, 8.7425, -7.8011**, and the grayscale version is **18.4405, -0.9839, 1.0019**.

A 20% lighter version of the original color is **36.7154, -12.1457, 10.4660**, and **7.0733, -6.0653, 4.2523** is the 20% darker color. If you saturate the color by 10%, you get **19.4495, -10.3669, 8.4731**, and if you desaturate by 10%, it is **20.1089, -7.4549, 6.3149**.

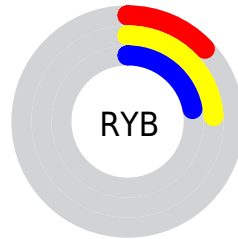
Distribution



Red (16%)

Green (24%)

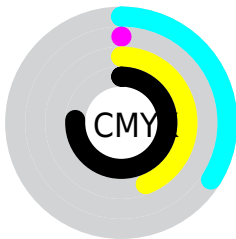
Blue (13%)



Red (13%)

Yellow (24%)

Blue (22%)

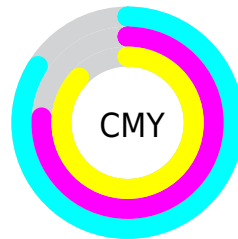


Cyan (34%)

Magenta (0%)

Yellow (44%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7588, -8.9888, 7.4767 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 19.7588, -8.9888, 7.4767 by changing the saturation by 10% instead.

■ 19.7588, -8.9888,
7.4767

■ 19.7588, -8.9888,
7.4767

■ 117.7538,
-21.5785, 19.9023

■ 12.7285, -7.3273,
5.9926

■ 36.5991, -11.9921,
10.4558

■ 6.0921, -10.6611,
4.2644

■ 46.2280, -13.4103,
11.8561

0.0000, NaN, NaN

■ 56.5787, -14.7987,
13.2249

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.6040, -16.1683,
14.5739

0.0000, NaN, NaN

■ 79.2648, -17.5264,
15.9112

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.5283, -18.8784,

104.3662,
-20.2281, 18.5718

19.7588, -8.9888,
7.4767

19.7588, -8.9888,
7.4767

19.4495, -10.3669,
8.4731

20.1089, -7.4549,
6.3149

19.1796, -11.5802,
9.3002

20.4981, -5.7736,
4.9931

18.9492, -12.6240,
9.9580

20.9263, -3.9563,
3.5194

18.7573, -13.4964,
10.4504

21.3926, -2.0148,
1.9033

18.5955, -14.2421,
10.8887

21.8959, 0.0386,
0.1550

■ 18.5135, -14.6283,
11.1518

■ 22.4352, 2.1918,
-1.7147

■ 23.0089, 4.4333,
-3.6950

■ 23.6159, 6.7519,
-5.7753

■ 24.2545, 9.1375,
-7.9454

Harmonies

Analogous

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



19.7592, -4.2752, 9.2100



19.7588, -8.9888, 7.4767



19.7592, -11.4211, 3.6337

Triad

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



19.7592, -8.9892, 7.4769



19.7592, -3.8651, -13.5527



19.7592, 11.8717, 3.9874

Complementary

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



19.7588, -8.9888, 7.4767



15.1438, 8.7425, -7.8011

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.



19.7592, 12.0173, -1.8781



19.7588, -8.9888, 7.4767



19.7592, 2.3849, -13.3679

Square

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



19.7592, -8.9892, 7.4769



19.7592, -8.7212, -9.0600



19.7592, 8.3691, -8.6138



19.7592, 7.9931, 7.6661

Rectangle

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



19.7588, -8.9888, 7.4767



19.7592, -11.6436, -0.1738



19.7592, 8.3691, -8.6138



19.7592, 12.3739, 2.2483

Sweetspot

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



19.7592, -8.9892, 7.4769



27.1437, -4.9576, 4.4213



19.5237, -1.5693, 7.4069



14.3500, -2.7645, 2.4559



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



19.7592, -8.9892, 7.4769



25.1502, -13.6109, 11.1032



19.5940, -9.3984, 5.5055



11.3616, -1.5220, 1.3907



28.6824, -23.1703, 17.2683



72.6795, -59.9881, 43.7346

Inverse Universe

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



15.1438, 8.7425, -7.8011



17.8618, 14.5778, -13.3239



15.4943, 9.2641, -3.5517



10.8651, 0.3654, -0.2226



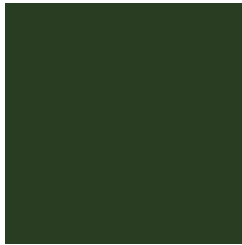
14.9870, 31.0999, -32.4410



37.5499, 78.3286, -84.4422

Previews

White Background



This preview shows how the HunterLab color 19.7588, -8.9888, 7.4767 looks on a white background.

Color Contrast Check

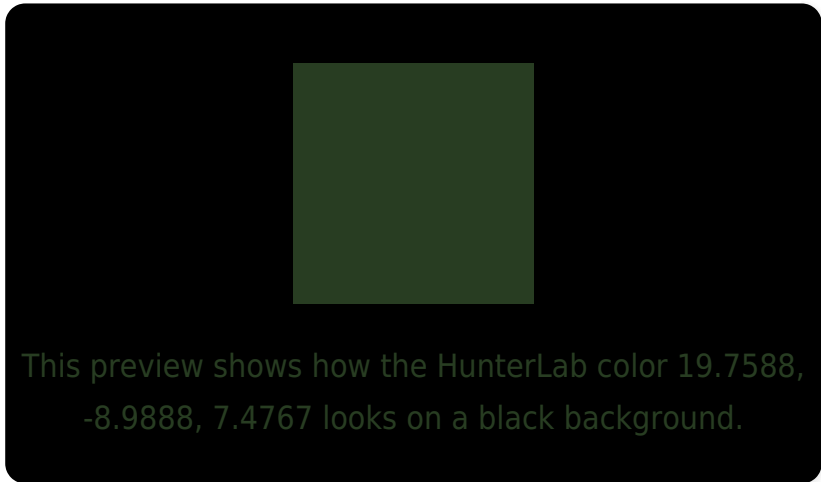
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.7588, -8.9888, 7.4767 Background



This preview shows how black text looks on a background with the HunterLab color 19.7588, -8.9888, 7.4767.



This preview shows how white text looks on a background with the HunterLab color 19.7588, -8.9888, 7.4767.

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

19.7588, -8.9888, 7.4767

Protanopia

19.8109, -2.2383, 8.0786

Deuteranopia

19.6644, 1.0460, 7.1030



Tritanopia

19.8288, -3.5105, -1.4702

Trichromacy



Original Color

19.7588, -8.9888, 7.4767

Protanomaly

19.7302, -5.0727, 7.7451

Deuteranomaly

19.5437, -3.1033, 7.1645

Tritanomaly

19.7217, -5.7304, 2.2851

Monochromacy



Original Color

19.7588, -8.9888, 7.4767

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.8420, -3.9963, 3.7284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7588, -8.9888, 7.4767 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(40, 61, 34)` looks like.

```
.text, #text, p{  
    color:rgb(40, 61, 34)  
}
```

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(40, 61, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 61, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7588, -8.9888, 7.4767 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(40, 61, 34) }
```


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

```
.border{ border-color:rgb(40, 61, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 61, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 61, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 61, 34);  
box-shadow:4px 4px 4px 4px rgb(40, 61, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7588, -8.9888, 7.4767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 61, 34) }
```

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

```
.background{ background-color: rgb(40, 61,  
34) }
```

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