

Converting Colors

HunterLab(62.7901, -28.1928,
20.8174)

Have a look what the booklet for
HunterLab(62.7901, -28.1928,
20.8174) contains.

HunterLab(62.8945, -28.4463, 20.9002)	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(62.8945,
-28.4463, 20.9002)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB77A
RGB	124, 183, 122
RGB Percent	49%, 72%, 48%
CMY	0.5137, 0.2823, 0.5216
CMYK	0.32, 0.00, 0.33, 0.28
HSL	118°, 30%, 60%
HSV	118°, 33%, 72%
XYZ	28.7585, 39.5572, 24.5319
YIQ	158.4050, -15.5830, -31.4790

Conversions

Conversions Part 2

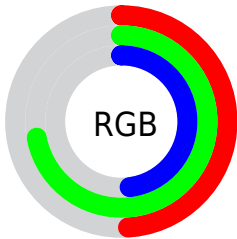
Format	Color
RYB	122, 183, 181
Decimal	8173434
CIELab	69.15, -31.37, 25.12
CIELCh	69, 40.186, 141.317
Yxy	39.5589, 0.3097, 0.4260
Android (android.graphics.Color)	4286363514 (0xFF7CB77A)
YUV	158.4050, -17.9477, -30.1732
Hunter-Lab	62.8945, -28.4463, 20.9002

Details

The HunterLab color $62.8945, -28.4463, 20.9002$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $52.1180, 27.1743, -18.3764$, and the grayscale version is $58.7153, -3.1329, 3.1901$.

A 20% lighter version of the original color is $86.1935, -32.8696, 24.6383$, and $42.2185, -23.7479, 16.7469$ is the 20% darker color. If you saturate the color by 10%, you get $61.5991, -34.2027, 24.8290$, and if you desaturate by 10%, it is $64.4169, -21.8559, 16.3668$.

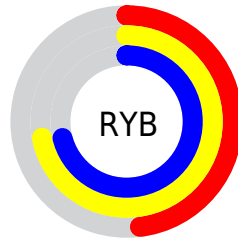
Distribution



Red (49%)

Green (72%)

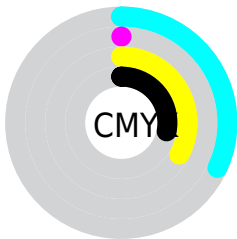
Blue (48%)



Red (48%)

Yellow (72%)

Blue (71%)

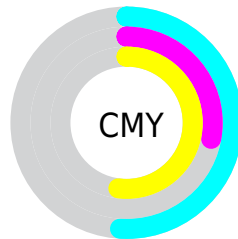


Cyan (32%)

Magenta (0%)

Yellow (33%)

Black (28%)



Cyan (51%)

Magenta (28%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8945, -28.4463, 20.9002 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 62.8945, -28.4463, 20.9002 by changing the saturation by 10% instead.

■ 62.8945, -28.4463,
20.9002

■ 62.8945, -28.4463,
20.9002

185.5426,
-47.5415, 37.5698

■ 52.1486, -26.0798,
18.8661

■ 86.3083, -32.9577,
24.7952

■ 42.0946, -23.6068,
16.7476

■ 98.9082, -35.1307,
26.6807

■ 32.7854, -20.9925,
14.5160

■ 112.0678,
-37.2633, 28.5372

■ 24.2862, -18.1817,
12.1275

125.7642,
-39.3632, 30.3711

■ 16.6832, -15.0821,
9.7135

139.9772,
-41.4364, 32.1876

■ 10.0978, -14.1811,
7.0685

154.6886,

0.0000, NaN, NaN

-43.4880, 33.9907

0.0000, NaN, NaN

169.8820,
-45.5219, 35.7839

0.0000, NaN, NaN

■ 62.8945, -28.4463,
20.9002

■ 62.8945, -28.4463,
20.9002

■ 61.5991, -34.2027,
24.8290

■ 64.4169, -21.8559,
16.3668

■ 60.5268, -39.0613,
28.1117

■ 66.1589, -14.5048,
11.2794

■ 59.6747, -42.9867,
30.7271


■ 68.1162, -6.4809,
5.6983


■ 59.0346, -45.9729,
32.6759


■ 70.2807, 2.1264,
-0.3136


■ 58.5926, -48.0506,
33.9862


■ 72.6432, 11.2292,
-6.6942

 58.3286, -49.2933,
34.7187

 75.1934, 20.7452,
-13.3851

 58.2299, -49.7614,
35.0098

 77.9207, 30.6003,
-20.3330

 78.9611, 34.1312,
-21.7857

Harmonies

Analogous

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



62.8958, -15.6001, 27.2371



62.8945, -28.4463, 20.9002



62.8958, -34.3922, 8.2522

Triad

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



62.8958, -28.4475, 20.9008



62.8958, -8.5639, -39.2581



62.8958, 32.7357, 14.3779

Complementary

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



62.8945, -28.4463, 20.9002



52.1180, 27.1743, -18.3764

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.



62.8958, 35.1735, -1.8210



62.8945, -28.4463, 20.9002



62.8958, 9.8956, -36.2301

Square

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



62.8958, -28.4475, 20.9008



62.8958, -23.8009, -28.5602



62.8958, 26.4055, -21.1838



62.8958, 20.0804, 24.2853

Rectangle

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



62.8945, -28.4463, 20.9002



62.8958, -34.1696, -3.4767



62.8958, 26.4055, -21.1838



62.8958, 34.8302, 9.6210

Sweetspot

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



62.8958, -28.4475, 20.9008



89.3362, -16.1004, 12.7956



66.7148, -10.9050, 24.5547



41.8174, -8.2597, 6.4950



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



62.8958, -28.4475, 20.9008



82.8692, -43.8277, 31.9049



63.4219, -25.1369, 11.4803



31.7392, -5.3956, 4.3191



48.6406, -41.5355, 29.2450



9.1587, -7.6871, 5.5090

Inverse Universe

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



52.1180, 27.1743, -18.3764



65.6164, 45.5896, -31.2692



51.3208, 22.7636, -3.5681



30.2446, 2.2609, -1.0831



29.8532, 59.1137, -42.6399



5.6469, 11.1595, -7.8928

Previews

White Background



This preview shows how the HunterLab color 62.8945, -28.4463, 20.9002 looks on a white 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

Black Background



This preview shows how the HunterLab color 62.8945, -28.4463, 20.9002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

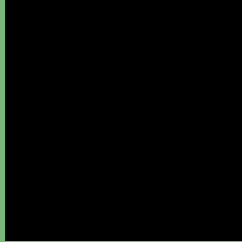
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 62.8945, -28.4463, 20.9002 Background



This preview shows how black text looks on a background with the HunterLab color 62.8945, -28.4463, 20.9002.



This preview shows how white text looks on a background with the HunterLab color 62.8945,

-28.4463, 20.9002.

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

62.8945, -28.4463, 20.9002

Protanopia

62.6189, -5.6898, 22.8413

Deuteranopia

62.4722, 4.5767, 19.5193



Tritanopia

62.9033, -11.7022, -6.8227

Trichromacy



Original Color

62.8945, -28.4463, 20.9002

Protanomaly

62.2673, -14.6213, 21.7929

Deuteranomaly

62.0601, -8.8448, 19.5503

Tritanomaly

62.8195, -18.3602, 4.7904

Monochromacy



Original Color

62.8945, -28.4463, 20.9002

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.8271, -12.8513, 10.0926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8945, -28.4463, 20.9002 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(124, 183, 122)` looks like.

```
.text, #text, p{  
    color:rgb(124, 183, 122)  
}
```

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(124, 183, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 183, 122) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8945, -28.4463, 20.9002 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(124, 183, 122) }
```


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

```
.border{ border-color:rgb(124, 183, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 183, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 183, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 183, 122);  
box-shadow:4px 4px 4px 4px rgb(124, 183,  
122) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.8945, -28.4463, 20.9002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 183, 122) }
```

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

```
.background{ background-color: rgb(124,  
183, 122) }
```

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