

Converting Colors

HunterLab(31.7870, 9.8316,
9.5582)

Have a look what the booklet for
HunterLab(31.7870, 9.8316, 9.5582)
contains.

HunterLab(31.8555, 9.5763, 9.6182)	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(31.8555, 9.5763,
9.6182)**

Conversions

Conversions Part 1

Format	Color
Hex	785044
RGB	120, 80, 68
RGB Percent	47%, 31%, 27%
CMY	0.5294, 0.6863, 0.7333
CMYK	0.00, 0.33, 0.43, 0.53
HSL	14°, 28%, 37%
HSV	14°, 43%, 47%
XYZ	11.6578, 10.1477, 6.8131
YIQ	90.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

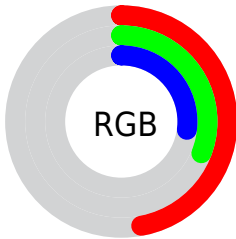
Format	Color
R_{YB}	120, 84, 68
Decimal	7884868
CIE _{Lab}	38.11, 15.21, 13.89
CIE _{LCh}	38, 20.593, 42.402
Yxy	10.1482, 0.4073, 0.3546
Android (android.graphics.Color)	4286074948 (0xFF785044)
YUV	90.5920, -11.1379, 25.7908
Hunter-Lab	31.8555, 9.5763, 9.6182

Details

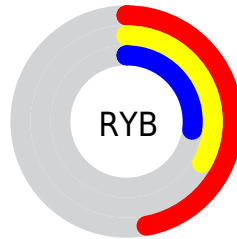
The HunterLab color **31.8555, 9.5763, 9.6182** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **36.4823, -9.3561, -6.5617**, and the grayscale version is **32.2270, -1.7196, 1.7510**.

A 20% lighter version of the original color is **50.9511, 10.5349, 12.3530**, and **15.9294, 8.3263, 6.5382** is the 20% darker color. If you saturate the color by 10%, you get **29.5910, 12.7510, 10.9605**, and if you desaturate by 10%, it is **34.2869, 6.5603, 8.1182**.

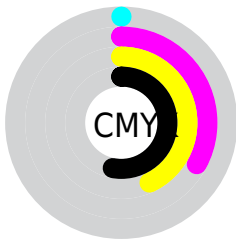
Distribution



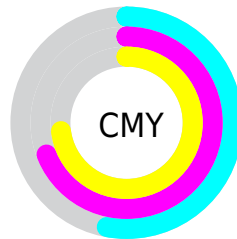
- Red (47%)
- Green (31%)
- Blue (27%)



- Red (47%)
- Yellow (33%)
- Blue (27%)



- Cyan (0%)
- Magenta (33%)
- Yellow (43%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8555, 9.5763, 9.6182 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 31.8555, 9.5763, 9.6182 by changing the saturation by 10% instead.

■ 31.8555, 9.5763,
9.6182

■ 31.8555, 9.5763,
9.6182

138.4654, 10.2835,
21.7030

■ 23.4464, 9.0767,
8.1462

■ 51.0626, 10.2436,
12.4017

■ 15.9434, 8.4403,
6.5731

■ 61.7394, 10.4440,
13.7494

■ 9.4740, 7.6338,
6.5919

■ 73.0713, 10.5689,
15.0823

0.0000, INF, NaN

0.0000, NaN, NaN

■ 85.0225, 10.6260,
16.4070

0.0000, NaN, NaN

■ 97.5624, 10.6214,
17.7283

0.0000, NaN, NaN

110.6645, 10.5601,

0.0000, NaN, NaN

19.0497

0.0000, NaN, NaN

124.3057, 10.4463,
20.3739

■ 31.8555, 9.5763,
9.6182

■ 31.8555, 9.5763,
9.6182

■ 29.5910, 12.7510,
10.9605

■ 34.2869, 6.5603,
8.1182

■ 27.5149, 16.0628,
12.1009

■ 36.8621, 3.7140,
6.4934

■ 25.6542, 19.4552,
12.9903

■ 39.5641, 1.0310,
4.7705

■ 24.0361, 22.8345,
13.5781

■ 42.3779, -1.5002,
2.9696

■ 22.6853, 26.0608,
13.8344

■ 45.2909, -3.8934,
1.1053

■ 21.9302, 27.9900,
14.0033

■ 48.2927, -6.1634,
-0.8114

■ 51.3742, -8.3243,
-2.7723

■ 54.5282, -10.3892,
-4.7712

■ 57.7481, -12.3700,
-6.8037

Harmonies

Analogous

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



31.8563, 13.5218, 4.5226



31.8555, 9.5763, 9.6182



31.8563, 2.7435, 12.1759

Triad

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



31.8563, 9.5748, 9.6187



31.8563, -14.2320, 5.5829



31.8563, 1.4321, -14.6412

Complementary

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



31.8555, 9.5763, 9.6182



36.4823, -9.3561, -6.5617

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.



31.8563, -5.9154, -14.1711



31.8555, 9.5763, 9.6182



31.8563, -14.5131, -1.3319

Square

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



31.8563, 9.5748, 9.6187



31.8563, -10.7924, 10.2406



31.8563, -11.5991, -8.8848



31.8563, 8.5391, -10.0512

Rectangle

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



31.8555, 9.5763, 9.6182



31.8563, -2.2994, 12.5608



31.8563, -11.5991, -8.8848



31.8563, -1.0991, -15.0950

Sweetspot

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



31.8563, 9.5748, 9.6187



52.4754, 1.3623, 6.3234



30.3740, 20.6508, -9.0171



25.2159, 0.9775, 3.2892



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



31.8563, 9.5748, 9.6187



39.2607, 16.8851, 14.5262



38.1681, -1.9382, 14.9896



20.3750, -0.0308, 2.0074



22.8630, 29.3630, 14.6021



48.8192, 67.5292, 31.2644

Inverse Universe

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



36.4823, -9.3561, -6.5617



46.6096, -13.5259, -11.2718



29.5480, 1.7358, -17.4174



20.8879, -2.0947, 0.2225



31.4085, -10.1176, -17.4170



67.6165, -20.7227, -39.7805

Previews

White Background



This preview shows how the HunterLab color 31.8555, 9.5763, 9.6182 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8555, 9.5763, 9.6182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

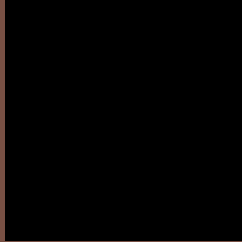
Any Text WCAG AA × Fail

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 31.8555, 9.5763, 9.6182 Background



This preview shows how black text looks on a background with the HunterLab color 31.8555, 9.5763, 9.6182.

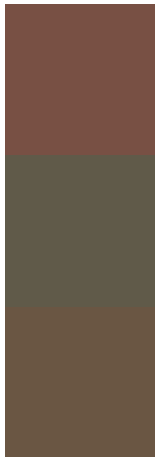


This preview shows how white text looks on a background with the HunterLab color 31.8555, 9.5763,

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

31.8555, 9.5763, 9.6182

Protanopia

32.0627, -2.2044, 8.0622

Deuteranopia

31.8198, 2.0100, 9.7479



Tritanopia

31.8651, 12.6322, 4.2500

Trichromacy



Original Color

31.8555, 9.5763, 9.6182

Protanomaly

31.8021, 2.1068, 8.5195

Deuteranomaly

31.8204, 4.5557, 9.7931

Tritanomaly

31.9483, 11.4506, 6.5107

Monochromacy



Original Color

31.8555, 9.5763, 9.6182

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

32.0401, 2.1427, 4.6368

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8555, 9.5763, 9.6182 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(120, 80, 68)` looks like.

```
.text, #text, p{  
    color:rgb(120, 80, 68)  
}
```

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(120, 80, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 80, 68) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8555, 9.5763, 9.6182 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(120, 80, 68) }
```


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

```
.border{ border-color:rgb(120, 80, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 80, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 80, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 80, 68);  
box-shadow:4px 4px 4px 4px rgb(120, 80,  
68) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8555, 9.5763, 9.6182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 80, 68) }
```

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

```
.background{ background-color: rgb(120, 80,  
68) }
```

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