

Converting Colors

HunterLab(64.4140, 19.2232,
20.8255)

Have a look what the booklet for
HunterLab(64.4140, 19.2232,
20.8255) contains.

HunterLab(64.4373, 19.3112, 20.9342)	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(64.4373, 19.3112,
20.9342)**

Conversions

Conversions Part 1

Format	Color
Hex	E49B81
RGB	228, 155, 129
RGB Percent	89%, 61%, 51%
CMY	0.1059, 0.3921, 0.4941
CMYK	0.00, 0.32, 0.43, 0.11
HSL	16°, 65%, 70%
HSV	16°, 43%, 89%
XYZ	47.6787, 41.5217, 26.2704
YIQ	173.8630, 51.8540, 7.3900

Conversions

Conversions Part 2

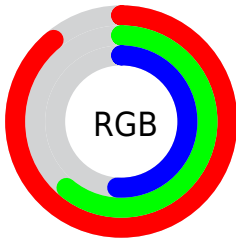
Format	Color
R _Y B	228, 164, 129
Decimal	14982017
CIE Lab	70.54, 24.26, 24.70
CIE LCh	71, 34.622, 45.512
Yxy	41.5237, 0.4129, 0.3596
Android (android.graphics.Color)	4293172097 (0xFFE49B81)
YUV	173.8630, -22.1175, 47.4781
Hunter-Lab	64.4373, 19.3112, 20.9342

Details

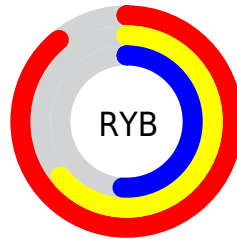
The HunterLab color **64.4373, 19.3112, 20.9342** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **72.4620, -17.9861, -15.7205**, and the grayscale version is **65.0772, -3.4724, 3.5358**.

A 20% lighter version of the original color is **84.1015, 7.1874, 20.7491**, and **43.3886, 18.1804, 16.6833** is the 20% darker color. If you saturate the color by 10%, you get **59.8095, 25.8247, 23.7347**, and if you desaturate by 10%, it is **69.4189, 13.1623, 17.7075**.

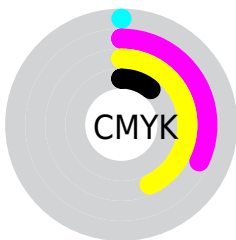
Distribution



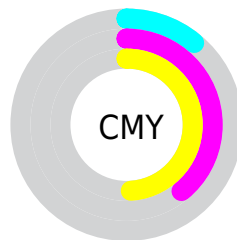
- Red (89%)
- Green (61%)
- Blue (51%)



- Red (89%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (11%)




- Cyan (11%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.4373, 19.3112, 20.9342 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 64.4373, 19.3112, 20.9342 by changing the saturation by 10% instead.


 64.4373, 19.3112,
20.9342

 64.4373, 19.3112,
20.9342


187.7511, 21.4221,
37.3964


 53.5990, 18.7107,
18.9365


 88.0217, 20.2405,
24.7691

 43.4460, 18.0120,
16.8597


 100.7007, 20.5915,
26.6286

 34.0300, 17.1988,
14.6772


 113.9361, 20.8744,
28.4613

 25.4138, 16.2548,
12.3485

127.7053, 21.0942,
30.2731

 17.6803, 15.1623,
9.8636

141.9884, 21.2553,
32.0689

 10.9445, 13.9117,
7.6611

156.7676, 21.3615,

 2.4479, 43.0578,

33.8528

1.7135

172.0267, 21.4162,
35.6277

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4373, 19.3112,
20.9342

■ 64.4373, 19.3112,
20.9342

■ 59.8095, 25.8247,
23.7347

■ 69.4189, 13.1623,
17.7075

■ 55.5815, 32.6566,
26.0042

■ 74.7053, 7.3994,
14.1368

■ 51.8103, 39.6825,
27.6319

■ 80.2599, 2.0060,
10.2906

■ 48.5522, 46.6943,
28.5163


■ 86.0507, -3.0449,
6.2213


■ 45.8571, 53.3853,

■ 92.0509, -7.7861,

28.6072

1.9685

 44.4007, 57.3978,
28.3644

 97.5879, -13.8314,
2.4117

Harmonies

Analogous

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



64.4389, 28.5925, 10.7814



64.4373, 19.3112, 20.9342



64.4389, 4.3524, 25.7177

Triad

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



64.4389, 19.3081, 20.9352



64.4389, -30.3459, 10.3399



64.4389, 4.9032, -31.0996

Complementary

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



64.4373, 19.3112, 20.9342



72.4620, -17.9861, -15.7205

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.



64.4389, -10.8822, -31.3002



64.4373, 19.3112, 20.9342



64.4389, -30.2293, -4.7274

Square

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



64.4389, 19.3081, 20.9352



64.4389, -23.7523, 20.6796



64.4389, -23.4166, -20.7594



64.4389, 19.7448, -20.2638

Rectangle

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



64.4373, 19.3112, 20.9342



64.4389, -6.3397, 26.1870



64.4389, -23.4166, -20.7594



64.4389, -0.4917, -32.4867

Sweetspot

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



64.4389, 19.3081, 20.9352



91.3403, 2.0762, 11.5299



60.4306, 43.8703, -17.5820



41.5980, 1.5722, 5.7948

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4389, 19.3081, 20.9352



68.4597, 28.4868, 26.6243



78.0443, -5.3573, 32.2184



38.7047, -0.0160, 4.0816



33.9828, 42.8890, 21.6909



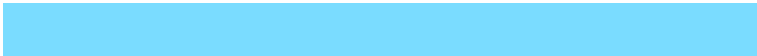
10.0095, 9.4878, 6.3339

Inverse Universe

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



72.4620, -17.9861, -15.7205



79.1593, -21.7894, -22.4647



57.7042, 5.9601, -39.7544



39.5753, -3.9899, 0.1295



44.3080, -11.9331, -29.6209



12.6492, -4.1009, -6.9578

Previews

White Background



This preview shows how the HunterLab color 64.4373, 19.3112, 20.9342 looks on a white background.

Color Contrast Check

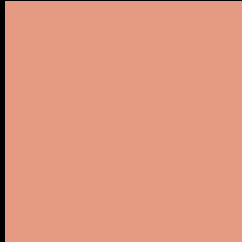
Large Text (above 18pt) WCAG AA × Fail

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 64.4373, 19.3112, 20.9342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

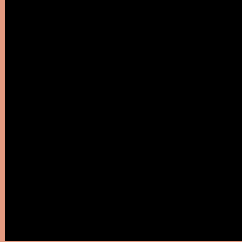
Any Text WCAG AA ✓ Pass

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 64.4373, 19.3112, 20.9342 Background



This preview shows how black text looks on a background with the HunterLab color 64.4373, 19.3112, 20.9342.



This preview shows how white text looks on a background with the HunterLab color 64.4373, 19.3112,

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

64.4373, 19.3112, 20.9342

Protanopia

64.7176, -5.0647, 18.1079

Deuteranopia

64.6405, 4.6371, 21.4956



Tritanopia

64.3508, 27.1412, 8.6336

Trichromacy



Original Color

64.4373, 19.3112, 20.9342

Protanomaly

64.2441, 3.5980, 18.8349

Deuteranomaly

64.4556, 9.7661, 21.1028

Tritanomaly

64.4061, 24.1071, 13.5467

Monochromacy



Original Color

64.4373, 19.3112, 20.9342

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

64.4790, 4.0922, 10.0587

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4373, 19.3112, 20.9342 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(228, 155, 129)` looks like.

```
.text, #text, p{  
    color:rgb(228, 155, 129)  
}
```

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(228, 155, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 155, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4373, 19.3112, 20.9342 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(228, 155, 129) }
```


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

```
.border{ border-color:rgb(228, 155, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 155, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 155, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 155, 129); box-shadow:4px 4px 4px 4px rgb(228, 155, 129) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4373, 19.3112, 20.9342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 155, 129) }
```

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

```
.background{ background-color: rgb(228,  
155, 129) }
```

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