

Converting Colors

HunterLab(63.9283, 7.6993,
15.7920)

Have a look what the booklet for
HunterLab(63.9283, 7.6993,
15.7920) contains.

HunterLab(64.0193, 7.5293, 15.8796)	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(64.0193, 7.5293,
15.8796)**

Conversions

Conversions Part 1

Format	Color
Hex	CCA38E
RGB	204, 163, 142
RGB Percent	80%, 64%, 56%
CMY	0.2000, 0.3608, 0.4431
CMYK	0.00, 0.20, 0.30, 0.20
HSL	20°, 38%, 68%
HSV	20°, 30%, 80%
XYZ	42.8815, 40.9847, 31.2418
YIQ	172.8650, 31.1770, 2.1610

Conversions

Conversions Part 2

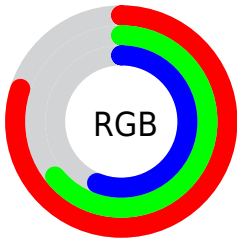
Format	Color
RYB	204, 174, 142
Decimal	13411214
CIELab	70.17, 12.08, 16.65
CIELCh	70, 20.569, 54.037
Yxy	40.9866, 0.3725, 0.3561
Android (android.graphics.Color)	4291601294 (0xFFCCA38E)
YUV	172.8650, -15.2164, 27.3054
Hunter-Lab	64.0193, 7.5293, 15.8796

Details

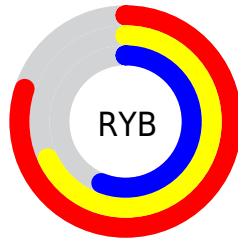
The HunterLab color $64.0193, 7.5293, 15.8796$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $66.3144, -11.1069, -10.4075$, and the grayscale version is $64.6412, -3.4491, 3.5121$.

A 20% lighter version of the original color is $86.8265, 4.8622, 17.9253$, and $43.0478, 7.6414, 12.7141$ is the 20% darker color. If you saturate the color by 10%, you get $59.9093, 12.0129, 19.0321$, and if you desaturate by 10%, it is $68.3411, 3.3753, 12.3528$.

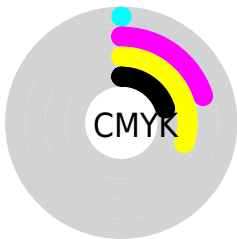
Distribution



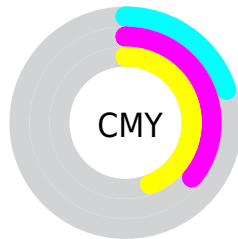
- Red (80%)
- Green (64%)
- Blue (56%)



- Red (80%)
- Yellow (68%)
- Blue (56%)



- Cyan (0%)
- Magenta (20%)
- Yellow (30%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.0193, 7.5293, 15.8796 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 64.0193, 7.5293, 15.8796 by changing the saturation by 10% instead.

 64.0193, 7.5293,
15.8796


 64.0193, 7.5293,
15.8796


187.1536, 5.3997,
28.9855

 53.2058, 7.4933,
14.3735


 87.5577, 7.4004,
18.8289

 43.0795, 7.3849,
12.8303


 100.2154, 7.2519,
20.2842

 33.6922, 7.1909,
11.2339


 113.4304, 7.0525,
21.7335

 25.1075, 6.8968,
9.5582

127.1799, 6.8058,
23.1802

 17.4090, 6.4819,
7.7599

141.4441, 6.5147,
24.6268

 10.7135, 5.9157,
7.1590

156.2050, 6.1819,

 1.3578, 38.6925,

26.0755

0.9505

171.4464, 5.8096,
27.5280

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.0193, 7.5293,
15.8796

■ 64.0193, 7.5293,
15.8796

■ 59.9093, 12.0129,
19.0321

■ 68.3411, 3.3753,
12.3528

■ 56.0330, 16.8437,
21.7398

■ 72.8475, -0.4626,
8.5063

■ 52.4215, 22.0110,
23.9268

■ 77.5202, -4.0127,
4.3882

■ 49.1078, 27.4766,
25.5123

■ 82.3426, -7.3021,
0.0373

■ 46.1263, 33.1589,

■ 87.3003, -10.3576,

26.4228

-4.5150

■ 43.5108, 38.9184,
26.6158

■ 92.0445, -15.0808,
-4.4878

■ 41.3610, 44.3002,
26.2620

■ 95.6961, -20.6484,
-0.0097

Harmonies

Analogous

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



64.0208, 13.9095, 10.0903



64.0193, 7.5293, 15.8796



64.0208, -1.5337, 18.3154

Triad

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



64.0208, 7.5269, 15.8805



64.0208, -20.3974, 5.2428



64.0208, 4.0982, -14.2593

Complementary

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



64.0193, 7.5293, 15.8796



66.3144, -11.1069, -10.4075

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.



64.0208, -5.2835, -16.0481



64.0193, 7.5293, 15.8796



64.0208, -19.0811, -3.9093

Square

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



64.0208, 7.5269, 15.8805



64.0208, -17.3808, 12.7688



64.0208, -13.6764, -12.0250



64.0208, 11.8515, -7.4386

Rectangle

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



64.0193, 7.5293, 15.8796



64.0208, -7.7378, 18.0022



64.0208, -13.6764, -12.0250



64.0208, 1.0166, -15.5065

Sweetspot

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



64.0208, 7.5269, 15.8805



94.5020, -1.1974, 10.2896



59.6796, 24.6424, -7.4828



43.3171, -0.2316, 5.1118

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0208, 7.5269, 15.8805



79.1383, 13.1424, 22.9644



72.9561, -7.7806, 24.0212



34.3868, -0.3887, 3.8031



33.0502, 34.4907, 20.9692



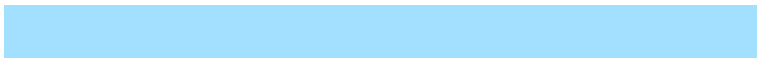
8.3882, 5.5784, 5.2664

Inverse Universe

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



66.3144, -11.1069, -10.4075



82.6349, -15.3849, -17.2305



57.1626, 4.0664, -23.9584



34.7303, -3.1592, -0.1142



37.1607, -5.5039, -34.5664



9.2161, -2.4192, -6.2969

Previews

White Background



This preview shows how the HunterLab color 64.0193, 7.5293, 15.8796 looks on a white background.

Color Contrast Check

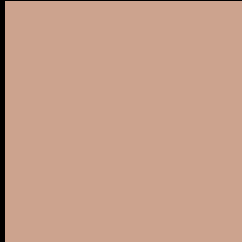
Large Text (above 18pt) WCAG AA × Fail

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 64.0193, 7.5293, 15.8796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

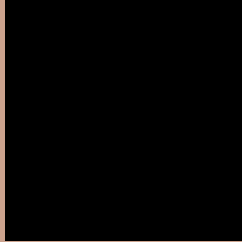
Any Text WCAG AA ✓ Pass

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 64.0193, 7.5293, 15.8796 Background



This preview shows how black text looks on a background with the HunterLab color 64.0193, 7.5293, 15.8796.



This preview shows how white text looks on a background with the HunterLab color 64.0193, 7.5293,

15.8796.

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

64.0193, 7.5293, 15.8796

Protanopia

64.0507, -3.9384, 14.2259

Deuteranopia

64.0354, 4.7094, 15.8461



Tritanopia

64.0328, 14.7270, 4.0401

Trichromacy



Original Color

64.0193, 7.5293, 15.8796

Protanomaly

63.9284, 0.0912, 14.5496

Deuteranomaly

63.9699, 5.9332, 15.8028

Tritanomaly

63.8760, 12.2066, 8.7039

Monochromacy



Original Color

64.0193, 7.5293, 15.8796

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

64.1677, 0.3036, 7.9611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0193, 7.5293, 15.8796 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(204, 163, 142)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 142)  
}
```

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(204, 163, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0193, 7.5293, 15.8796 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(204, 163, 142) }
```


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

```
.border{ border-color:rgb(204, 163, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 142);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
142) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0193, 7.5293, 15.8796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 142) }
```

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

```
.background{ background-color: rgb(204,  
163, 142) }
```

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