

Converting Colors

HunterLab(64.7190, -16.2058,
19.5968)

Have a look what the booklet for
HunterLab(64.7190, -16.2058,
19.5968) contains.

HunterLab(64.7190, -16.2180, 19.5971)	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(64.7190,
-16.2180, 19.5971)**

Conversions

Conversions Part 1

Format	Color
Hex	A1B484
RGB	161, 180, 132
RGB Percent	63%, 71%, 52%
CMY	0.3686, 0.2941, 0.4823
CMYK	0.11, 0.00, 0.27, 0.29
HSL	84°, 24%, 61%
HSV	84°, 27%, 71%
XYZ	35.1840, 41.8855, 28.0600
YIQ	168.8470, 4.0840, -18.9560

Conversions

Conversions Part 2

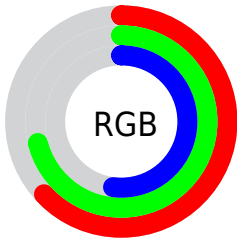
Format	Color
RYB	132, 180, 151
Decimal	10597508
CIELab	70.79, -15.10, 22.37
CIElCh	71, 26.985, 124.014
Yxy	41.8873, 0.3347, 0.3984
Android (android.graphics.Color)	4288787588 (0xFFA1B484)
YUV	168.8470, -18.1656, -6.8818
Hunter-Lab	64.7190, -16.2180, 19.5971

Details

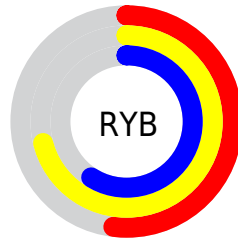
The HunterLab color $64.7190, -16.2180, 19.5971$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $51.3597, 11.7910, -17.9959$, and the grayscale version is $62.9979, -3.3614, 3.4228$.

A 20% lighter version of the original color is $88.3700, -19.1692, 23.3227$, and $43.6339, -13.2822, 15.8076$ is the 20% darker color. If you saturate the color by 10%, you get $63.8098, -20.2993, 24.1716$, and if you desaturate by 10%, it is $65.7153, -11.7765, 14.2536$.

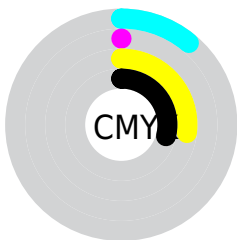
Distribution



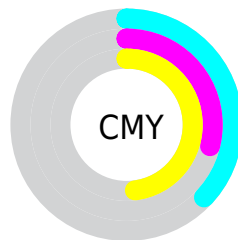
- Red (63%)
- Green (71%)
- Blue (52%)



- Red (52%)
- Yellow (71%)
- Blue (59%)



- Cyan (11%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)



- Cyan (37%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7190, -16.2180, 19.5971 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 64.7190, -16.2180, 19.5971 by changing the saturation by 10% instead.

■ 64.7190, -16.2180,
19.5971

■ 64.7190, -16.2180,
19.5971

188.1530,
-28.6466, 35.0677

■ 53.8638, -14.8182,
17.7459

■ 88.3341, -18.9839,
23.1686

■ 43.6929, -13.3934,
15.8287

■ 101.0274,
-20.3572, 24.9085

■ 34.2576, -11.9325,
13.8221

■ 114.2765,
-21.7295, 26.6278

■ 25.6204, -10.4159,
11.6899

128.0589,
-23.1032, 28.3318

■ 17.8634, -8.8107,
9.3759

142.3547,
-24.4804, 30.0248

■ 11.1007, -7.0898,
7.7705

157.1461,

■ 2.9632, -5.1857,

-25.8625, 31.7101

2.0743

172.4171,
-27.2510, 33.3903

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.7190, -16.2180,
19.5971

■ 64.7190, -16.2180,
19.5971

■ 63.8098, -20.2993,
24.1716

■ 65.7153, -11.7765,
14.2536

■ 62.9830, -24.0042,
27.9720

■ 66.7942, -6.9848,
8.1513

■ 62.2390, -27.3276,
31.0067

■ 67.9565, -1.8621,
1.3104

■ 61.5760, -30.2683,
33.2967

■ 69.2008, 3.5720,
-6.2431

■ 60.9912, -32.8321,

■ 70.5259, 9.2970,

34.8784

-14.4791

■ 60.4804, -35.0336,
35.8073

■ 71.9297, 15.2914,
-23.3639

■ 60.0371, -36.9043,
36.1784

■ 73.2775, 20.8509,
-31.0303

■ 59.8992, -37.4839,
36.2534

■ 74.0076, 23.1334,
-29.7854

■ 74.7621, 25.4711,
-28.5147

Harmonies

Analogous

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



64.7204, -5.1117, 22.2580



64.7190, -16.2180, 19.5971



64.7204, -23.4608, 12.6647

Triad

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



64.7204, -16.2196, 19.5978



64.7204, -13.5422, -20.2669



64.7204, 21.9926, 5.0853

Complementary

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



64.7190, -16.2180, 19.5971



51.3597, 11.7910, -17.9959

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.



64.7204, 19.3171, -7.1839



64.7190, -16.2180, 19.5971



64.7204, -1.7850, -23.3244

Square

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



64.7204, -16.2196, 19.5978



64.7204, -21.9983, -10.4398



64.7204, 10.3787, -18.1532



64.7204, 17.4400, 14.9346

Rectangle

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



64.7190, -16.2180, 19.5971



64.7204, -25.4337, 5.8360



64.7204, 10.3787, -18.1532



64.7204, 21.9107, 1.1211

Sweetspot

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



64.7204, -16.2196, 19.5978



89.7193, -10.3817, 12.2462



57.7158, 4.0237, 13.2089



41.6080, -5.2826, 6.2824



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



64.7204, -16.2196, 19.5978



86.4127, -25.1305, 30.1364



62.9917, -22.6668, 17.8709



31.2017, -3.8880, 4.6168



50.0799, -31.1532, 30.3136



9.0654, -4.7972, 5.5021

Inverse Universe

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



51.3597, 11.7910, -17.9959



64.6559, 20.6794, -31.5940



53.7062, 19.1370, -14.2434



28.9634, 0.7727, -1.5994



18.1065, 43.7096, -86.7617



3.7082, 8.3018, -12.7309

Previews

White Background



This preview shows how the HunterLab color 64.7190, -16.2180, 19.5971 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 64.7190, -16.2180, 19.5971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

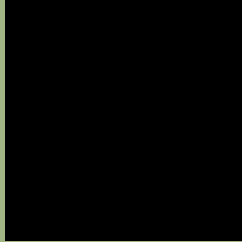
Any Text WCAG AA ✓ Pass

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 64.7190, -16.2180, 19.5971 Background



This preview shows how black text looks on a background with the HunterLab color 64.7190, -16.2180, 19.5971.



This preview shows how white text looks on a background with the HunterLab color 64.7190,

-16.2180, 19.5971.

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

64.7190, -16.2180, 19.5971

Protanopia

64.6424, -5.6703, 20.6839

Deuteranopia

64.4812, 4.4389, 18.7344



Tritanopia

64.7379, -2.2413, -3.2053

Trichromacy



Original Color

64.7190, -16.2180, 19.5971

Protanomaly

64.7244, -9.9612, 20.3626

Deuteranomaly

64.3520, -3.4405, 18.8131

Tritanomaly

64.7670, -7.9895, 6.3017

Monochromacy



Original Color

64.7190, -16.2180, 19.5971

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

63.5566, -8.2351, 9.6781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7190, -16.2180, 19.5971 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(161, 180, 132)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 132)  
}
```

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(161, 180, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7190, -16.2180, 19.5971 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(161, 180, 132) }
```


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

```
.border{ border-color:rgb(161, 180, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 180, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 132);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7190, -16.2180, 19.5971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 132) }
```

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

```
.background{ background-color: rgb(161,  
180, 132) }
```

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