

Converting Colors

HunterLab(67.3510, -6.2300,
30.0962)

Have a look what the booklet for
HunterLab(67.3510, -6.2300,
30.0962) contains.

HunterLab(67.3510, -6.2300, 30.0962)	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(67.3510, -6.2300,
30.0962)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B367
RGB	199, 179, 103
RGB Percent	78%, 70%, 40%
CMY	0.2196, 0.2980, 0.5961
CMYK	0.00, 0.10, 0.48, 0.22
HSL	48°, 46%, 59%
HSV	48°, 48%, 78%
XYZ	42.1214, 45.3616, 19.3675
YIQ	176.3160, 36.3160, -19.3960

Conversions

Conversions Part 2

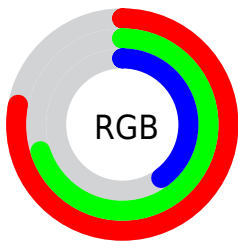
Format	Color
RYB	128, 199, 103
Decimal	13087591
CIELab	73.13, -2.98, 41.19
CIELCh	73, 41.301, 94.132
Yxy	45.3637, 0.3942, 0.4245
Android (android.graphics.Color)	4291277671 (0xFFC7B367)
YUV	176.3160, -36.1448, 19.8939
Hunter-Lab	67.3510, -6.2300, 30.0962

Details

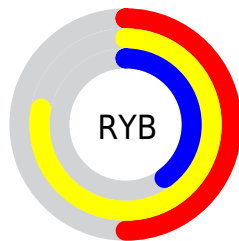
The HunterLab color $67.3510, -6.2300, 30.0962$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $46.0133, 8.6429, -41.1188$, and the grayscale version is $66.1581, -3.5300, 3.5945$.

A 20% lighter version of the original color is $91.1281, -8.9128, 35.8206$, and $46.1253, -5.0254, 24.0047$ is the 20% darker color. If you saturate the color by 10%, you get $65.8588, -5.6976, 33.0962$, and if you desaturate by 10%, it is $68.9192, -6.4249, 26.2621$.

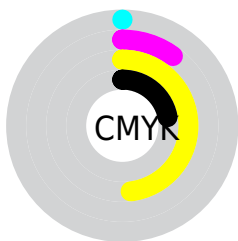
Distribution



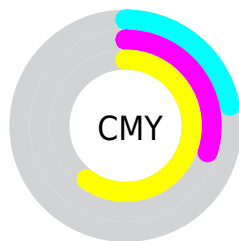
- Red (78%)
- Green (70%)
- Blue (40%)



- Red (50%)
- Yellow (78%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (48%)
- Black (22%)



- Cyan (22%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.3510, -6.2300, 30.0962 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 67.3510, -6.2300, 30.0962 by changing the saturation by 10% instead.

■ 67.3510, -6.2300,
30.0962

■ 67.3510, -6.2300,
30.0962

191.8970,
-13.9996, 53.6979

■ 56.3418, -5.4897,
27.0667

■ 91.2502, -7.7937,
35.8053

■ 46.0066, -4.7727,
23.8818

■ 104.0755, -8.6112,
38.5244

■ 36.3943, -4.0817,
20.5034

■ 117.4512, -9.4525,
41.1735

■ 27.5640, -3.4163,
16.8827

■ 131.3553,
-10.3173, 43.7638

■ 19.5925, -2.7752,
13.7148

145.7685,
-11.2048, 46.3045

■ 12.5846, -2.1546,
8.8092

160.6734,

■ 5.8872, -2.5173,

-12.1147, 48.8031

4.1210

176.0544,
-13.0465, 51.2659

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3510, -6.2300,
30.0962

■ 67.3510, -6.2300,
30.0962

■ 65.8588, -5.6976,
33.0962

■ 68.9192, -6.4249,
26.2621

■ 64.4374, -4.8266,
35.2672

■ 70.5586, -6.2738,
21.5977

■ 63.0866, -3.6326,
36.6347

■ 72.2699, -5.7825,
16.1189

■ 61.8034, -2.1381,
37.2475


■ 74.0520, -4.9572,
9.8484


■ 60.5802, -0.3912,


■ 75.9035, -3.8068,


37.2239

2.8140

 60.3682, -0.0738,
37.1973

 77.8225, -2.3421,
-4.9527

 79.8072, -0.5750,
-13.4181

 81.5664, -0.0849,
-18.5103

 82.8444, -2.2584,
-16.7000

Harmonies

Analogous

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



67.3526, 13.2474, 28.1974



67.3510, -6.2300, 30.0962



67.3526, -23.0536, 26.7079

Triad

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



67.3526, -6.2324, 30.0969



67.3526, -31.4684, -19.1202



67.3526, 32.8743, -13.4928

Complementary

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



67.3510, -6.2300, 30.0962



46.0133, 8.6429, -41.1188

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.



67.3526, 18.3535, -32.2866



67.3510, -6.2300, 30.0962



67.3526, -18.9339, -36.1220

Square

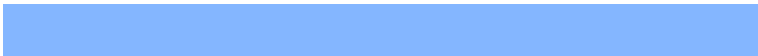
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3526, -6.2324, 30.0969



67.3526, -36.5543, 1.0907



67.3526, -0.9212, -41.5106



67.3526, 37.2421, 6.1438

Rectangle

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



67.3510, -6.2300, 30.0962



67.3526, -30.9359, 21.1421



67.3526, -0.9212, -41.5106



67.3526, 28.9447, -20.2788

Sweetspot

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



67.3526, -6.2324, 30.0969



96.5699, -7.2635, 18.1053



48.2630, 33.9989, 6.9899



44.4408, -3.4620, 9.1953

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.3526, -6.2324, 30.0969



87.0287, -7.4814, 44.0005



71.1155, -24.4508, 32.6943



34.6805, -2.3801, 4.9798



48.5419, -0.2874, 29.9063



11.0127, -0.8159, 6.7717

Inverse Universe

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



46.0133, 8.6429, -41.1188



53.3869, 17.5785, -71.8642



43.1117, 25.5642, -47.2965



32.6182, -1.0844, -1.5821



19.4810, 31.8857, -93.1816



5.3569, 3.7734, -14.8414

Previews

White Background



This preview shows how the HunterLab color 67.3510, -6.2300, 30.0962 looks on a white background.

Color Contrast Check

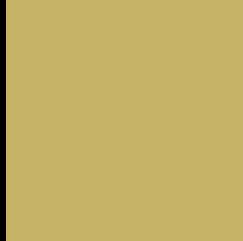
Large Text (above 18pt) WCAG AA × Fail

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 67.3510, -6.2300, 30.0962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

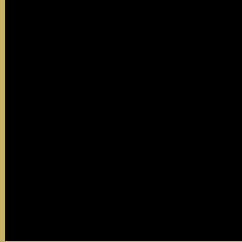
Any Text WCAG AA ✓ Pass

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 67.3510, -6.2300, 30.0962 Background



This preview shows how black text looks on a background with the HunterLab color 67.3510, -6.2300, 30.0962.



This preview shows how white text looks on a background with the HunterLab color 67.3510, -6.2300,

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

67.3510, -6.2300, 30.0962

Protanopia

67.4478, -7.4226, 30.1512

Deuteranopia

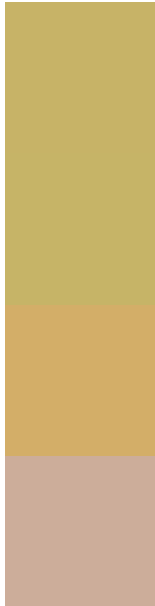
67.1202, 4.9421, 29.6402



Tritanopia

67.4046, 10.8873, 2.3185

Trichromacy



Original Color

67.3510, -6.2300, 30.0962

Protanomaly

67.5482, -7.0682, 30.2359

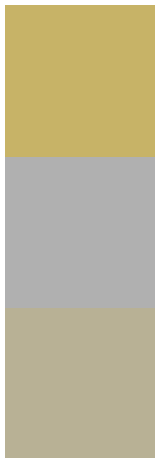
Deuteranomaly

67.1718, 0.6988, 29.8432

Tritanomaly

67.1250, 3.9995, 14.4287

Monochromacy



Original Color

67.3510, -6.2300, 30.0962

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

66.1850, -5.4790, 15.2154

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.3510, -6.2300, 30.0962 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(199, 179, 103)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 103)  
}
```

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(199, 179, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 67.3510, -6.2300, 30.0962 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(199, 179, 103) }
```


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

```
.border{ border-color:rgb(199, 179, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 103);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.3510, -6.2300, 30.0962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 103) }
```

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

```
.background{ background-color: rgb(199,  
179, 103) }
```

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