

# Converting Colors

HunterLab(71.7870, -4.6972,  
32.5926)

Have a look what the booklet for  
HunterLab(71.7870, -4.6972,  
32.5926) contains.

<b>HunterLab(71.7461, -4.4891, 32.6361)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**HunterLab(71.7461, -4.4891,  
32.6361)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D7BC6B
RGB	215, 188, 107
RGB Percent	84%, 74%, 42%
CMY	0.1569, 0.2627, 0.5804
CMYK	0.00, 0.13, 0.50, 0.16
HSL	45°, 57%, 63%
HSV	45°, 50%, 84%
XYZ	48.6614, 51.4750, 21.2808
YIQ	186.8390, 42.0930, -19.4670

# Conversions

## Conversions Part 2

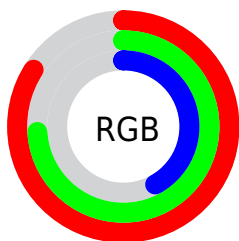
Format	Color
<a href="#">RYB</a>	<a href="#">143, 215, 107</a>
Decimal	<a href="#">14138475</a>
CIELab	<a href="#">76.97, -0.73, 44.22</a>
CIELCh	<a href="#">77, 44.226, 90.940</a>
Yxy	<a href="#">51.4775, 0.4008, 0.4240</a>
Android (android.graphics.Color)	<a href="#">4292328555</a> (0xFFD7BC6B)
YUV	<a href="#">186.8390, -39.3606, 24.6972</a>
Hunter-Lab	<a href="#">71.7461, -4.4891, 32.6361</a>

# Details

The HunterLab color **71.7461, -4.4891, 32.6361** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **50.0813, 8.0707, -45.1099**, and the grayscale version is **70.5749, -3.7657, 3.8345**.

A 20% lighter version of the original color is **94.0741, -12.9563, 36.7806**, and **49.8923, -3.2247, 26.0870** is the 20% darker color. If you saturate the color by 10%, you get **69.8757, -3.3904, 35.6163**, and if you desaturate by 10%, it is **73.7067, -5.2162, 28.7591**.

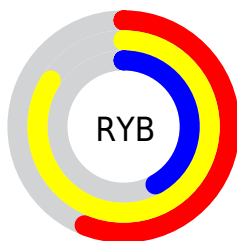
# Distribution



Red (84%)

Green (74%)

Blue (42%)



Red (56%)

Yellow (84%)

Blue (42%)

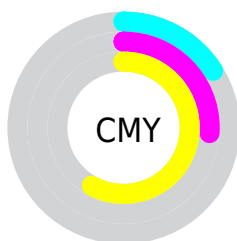


Cyan (0%)

Magenta (13%)

Yellow (50%)

Black (16%)



Cyan (16%)

Magenta (26%)


Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.7461, -4.4891, 32.6361 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 71.7461, -4.4891, 32.6361 by changing the saturation by 10% instead.





 71.7461, -4.4891,  
32.6361


 71.7461, -4.4891,  
32.6361


198.0949,  
-11.5067, 57.3755

 60.4886, -3.8538,  
29.4654


 96.1042, -5.8605,  
38.6206


 49.8891, -3.2488,  
26.1386


 109.1434, -6.5885,  
41.4727

 39.9932, -2.6785,  
22.6201


 122.7243, -7.3442,  
44.2514

 30.8550, -2.1453,  
18.8653

 136.8259, -8.1266,  
46.9679

 22.5435, -1.6516,  
15.3621

151.4297, -8.9348,  
49.6316

 15.1509, -1.2008,  
10.6056

166.5190, -9.7681,

 8.7825, -0.8289,

52.2500

6.1478

182.0787,  
-10.6256, 54.8295

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.7461, -4.4891,  
32.6361

■ 71.7461, -4.4891,  
32.6361

■ 69.8757, -3.3904,  
35.6163

■ 73.7067, -5.2162,  
28.7591

■ 68.0907, -1.9177,  
37.6997

■ 75.7513, -5.5641,  
23.9956

■ 66.3918, -0.0880,  
38.9102

■ 77.8799, -5.5409,  
18.3694

■ 64.7761, 2.0724,  
39.3015


■ 80.0904, -5.1555,  
11.9111


■ 63.2676, 4.4342,


■ 82.3803, -4.4196,


39.0628

4.6559

 84.7470, -3.3465,  
-3.3579

 87.0948, -2.4582,  
-10.7801

 88.7791, -5.2727,  
-8.5697

 90.4830, -8.0682,  
-6.3788

# Harmonies

## Analogous

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



71.7478, 16.8129, 29.9856



71.7461, -4.4891, 32.6361



71.7478, -23.4000, 29.6214

# Triad

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



71.7478, -4.4918, 32.6368



71.7478, -35.2319, -18.7348



71.7478, 34.9056, -17.3248

# Complementary

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



71.7461, -4.4891, 32.6361



50.0813, 8.0707, -45.1099

# 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.



71.7478, 18.0874, -37.3752



71.7461, -4.4891, 32.6361



71.7478, -22.3782, -38.3402

# Square

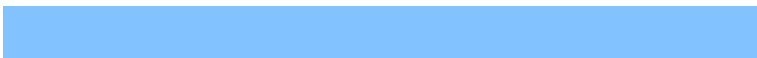
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7478, -4.4918, 32.6368



71.7478, -39.8470, 3.2739



71.7478, -3.1700, -45.9775



71.7478, 41.0767, 4.5313



# Rectangle

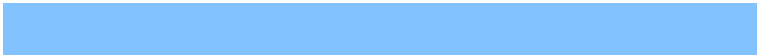
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7461, -4.4891, 32.6361



71.7478, -32.5219, 24.1078



71.7478, -3.1700, -45.9775



71.7478, 30.2214, -24.6979

# Sweetspot

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



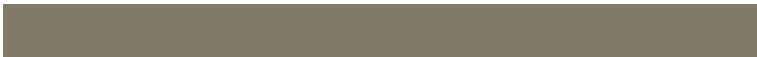
71.7478, -4.4918, 32.6368



95.8268, -6.5379, 18.4227



51.6567, 39.4772, 6.6340



44.0707, -3.0666, 9.2853

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.7478, -4.4918, 32.6368



84.6877, -4.0578, 43.3126



77.6876, -26.3700, 36.7928



37.3761, -2.3786, 5.2850



49.1096, 3.1095, 30.3156



12.5784, -0.1369, 7.7483



# Inverse Universe

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



50.0813, 8.0707, -45.1099



53.7326, 15.4051, -71.0134



45.2665, 28.6544, -55.8120



35.3667, -1.3651, -1.5965



21.5427, 30.1579, -92.0288



6.4232, 4.3295, -17.3747



# Previews

## White Background



This preview shows how the HunterLab color 71.7461, -4.4891, 32.6361 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

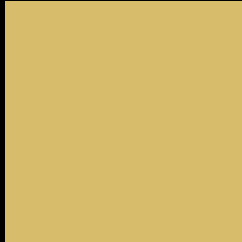
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 71.7461, -4.4891, 32.6361 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 71.7461, -4.4891, 32.6361 Background



This preview shows how black text looks on a background with the HunterLab color 71.7461, -4.4891, 32.6361.



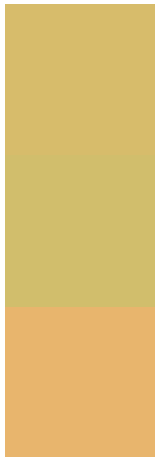
This preview shows how white text looks on a background with the HunterLab color 71.7461, -4.4891,



# 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

71.7461, -4.4891, 32.6361

### Protanopia

71.7391, -7.5668, 32.3474

### Deuteranopia

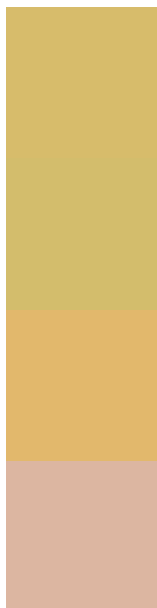
71.6294, 5.6350, 32.2607



## Tritanopia

71.6481, 13.7977, 3.1232

# Trichromacy



## Original Color

71.7461, -4.4891, 32.6361

## Protanomaly

71.6427, -6.3585, 32.2934

## Deuteranomaly

71.7861, 1.7140, 32.5466

## Tritanomaly

71.5854, 6.0748, 16.2902

# Monochromacy



## Original Color

71.7461, -4.4891, 32.6361

## Achromatopsia

70.4935, -3.7614, 3.8300

## Achromatomaly

70.6255, -4.8873, 16.2776

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.7461, -4.4891, 32.6361 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(215, 188, 107)` looks like.

```
.text, #text, p{  
    color:rgb(215, 188, 107)  
}
```

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(215, 188, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 188, 107) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.7461, -4.4891, 32.6361 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(215, 188, 107) }
```



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

```
.border{ border-color:rgb(215, 188, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 188, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 188, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 188, 107);  
box-shadow:4px 4px 4px 4px rgb(215, 188,  
107) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.7461, -4.4891, 32.6361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 188, 107) }
```

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

```
.background{ background-color: rgb(215,  
188, 107) }
```

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