

Converting Colors

HunterLab(64.4772, -10.4847,
29.3701)

Have a look what the booklet for
HunterLab(64.4772, -10.4847,
29.3701) contains.

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Color

**HunterLab(64.4762,
-10.4839, 29.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AF60
RGB	183, 175, 96
RGB Percent	72%, 69%, 38%
CMY	0.2824, 0.3137, 0.6235
CMYK	0.00, 0.04, 0.48, 0.28
HSL	54°, 38%, 55%
HSV	54°, 48%, 72%
XYZ	36.9698, 41.5718, 17.1420
YIQ	168.3860, 30.1270, -22.8730

Conversions

Conversions Part 2

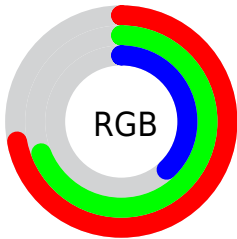
Format	Color
RYB	105, 183, 96
Decimal	12037984
CIELab	70.58, -8.19, 41.27
CIELCh	71, 42.078, 101.218
Yxy	41.5737, 0.3864, 0.4345
Android (android.graphics.Color)	4290228064 (0xFFB7AF60)
YUV	168.3860, -35.6863, 12.8165
Hunter-Lab	64.4762, -10.4839, 29.3702

Details

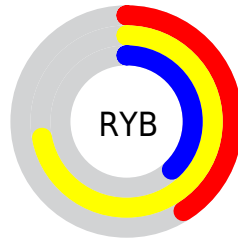
The HunterLab color $64.4762, -10.4839, 29.3702$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $39.7566, 12.6857, -42.0910$, and the grayscale version is $62.8701, -3.3546, 3.4159$.

A 20% lighter version of the original color is $87.8960, -12.5197, 35.0431$, and $43.5343, -8.6210, 23.1545$ is the 20% darker color. If you saturate the color by 10%, you get $63.7372, -11.0041, 32.4291$, and if you desaturate by 10%, it is $65.2761, -9.6557, 25.5121$.

Distribution



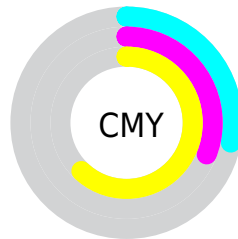
- Red (72%)
- Green (69%)
- Blue (38%)



- Red (41%)
- Yellow (72%)
- Blue (38%)



- Cyan (0%)
- Magenta (4%)
- Yellow (48%)
- Black (28%)



- Cyan (28%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4762, -10.4839, 29.3702 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 64.4762, -10.4839, 29.3702 by changing the saturation by 10% instead.

■ 64.4762, -10.4839,
29.3702

■ 64.4762, -10.4839,
29.3702

187.8065,
-20.2019, 53.1508

■ 53.6355, -9.4687,
26.2990

■ 88.0648, -12.5495,
35.1426

■ 43.4800, -8.4569,
23.0630

■ 100.7458,
-13.5993, 37.8861

■ 34.0613, -7.4457,
19.6217

■ 113.9830,
-14.6626, 40.5560

■ 25.4423, -6.4268,
15.9452

■ 127.7541,
-15.7403, 43.1644

■ 17.7055, -5.3861,
12.3938

142.0389,
-16.8327, 45.7208

■ 10.9660, -4.2961,
7.6762

156.8198,

■ 2.5253, -4.4192,

-17.9403, 48.2332

1.7677

172.0805,
-19.0634, 50.7080

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4762, -10.4839,
29.3702

■ 64.4762, -10.4839,
29.3702

■ 63.7372, -11.0041,
32.4291

■ 65.2761, -9.6557,
25.5121

■ 63.0524, -11.2214,
34.7137

■ 66.1342, -8.5057,
20.8378

■ 62.4199, -11.1552,
36.2660

■ 67.0531, -7.0328,
15.3431

■ 61.8356, -10.8296,
37.1459


■ 68.0335, -5.2373,
9.0314


■ 61.2918, -10.2872,

■ 69.0757, -3.1219,

37.4626

1.9137

 61.1606, -10.1415,
37.5093

 70.1796, -0.6921,
-5.9933

 71.3448, 2.0445,
-14.6677

 72.5707, 5.0790,
-24.0837

 73.6037, 7.0560,
-30.7316

Harmonies

Analogous

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



64.4777, 8.9080, 28.7333



64.4762, -10.4839, 29.3702



64.4777, -26.0602, 24.7705

Triad

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



64.4777, -10.4861, 29.3708



64.4777, -28.9845, -24.2605



64.4777, 35.4630, -8.8836

Complementary

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



64.4762, -10.4839, 29.3702



39.7566, 12.6857, -42.0910

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.



64.4777, 22.7958, -28.9801



64.4762, -10.4839, 29.3702



64.4777, -14.9306, -39.5026

Square

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



64.4777, -10.4861, 29.3708



64.4777, -35.8745, -3.7210



64.4777, 3.9143, -41.4462



64.4777, 37.0160, 9.9892

Rectangle

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



64.4762, -10.4839, 29.3702



64.4777, -32.7769, 18.2619



64.4777, 3.9143, -41.4462



64.4777, 32.2997, -15.8431

Sweetspot

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



64.4777, -10.4861, 29.3708



90.1607, -8.6646, 17.8593



44.0990, 29.0629, 9.8218



42.2421, -4.3033, 9.2179



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



64.4777, -10.4861, 29.3708



85.2599, -14.7459, 43.5417



64.0516, -24.8799, 28.7886



32.1845, -2.6487, 4.8511



51.1354, -8.5509, 31.3597



9.8143, -1.9325, 6.0137

Inverse Universe

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



39.7566, 12.6857, -42.0910



45.9030, 24.0671, -74.9289



40.7363, 25.3732, -39.6583



29.7467, -0.5367, -1.7695



16.4534, 37.6419, -101.8234



3.7422, 4.8123, -15.0657

Previews

White Background



This preview shows how the HunterLab color 64.4762, -10.4839, 29.3702 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 64.4762, -10.4839, 29.3702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

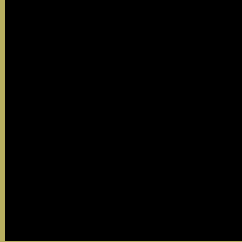
Any Text WCAG AA ✓ Pass

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 64.4762, -10.4839, 29.3702 Background



This preview shows how black text looks on a background with the HunterLab color 64.4762, -10.4839, 29.3702.



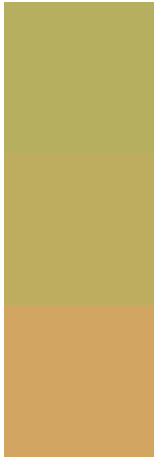
This preview shows how white text looks on a background with the HunterLab color 64.4762,

-10.4839, 29.3702.

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

64.4762, -10.4839, 29.3702

Protanopia

64.5450, -7.1884, 29.7014

Deuteranopia

64.4156, 4.3171, 29.1324



Tritanopia

64.5703, 7.0067, 1.2355

Trichromacy



Original Color

64.4762, -10.4839, 29.3702

Protanomaly

64.5470, -8.7141, 29.6763

Deuteranomaly

64.4347, -1.4938, 29.2720

Tritanomaly

64.2906, -0.0080, 13.7777

Monochromacy



Original Color

64.4762, -10.4839, 29.3702

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

63.2163, -7.0605, 14.8283

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4762, -10.4839, 29.3702 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(183, 175, 96)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 96)  
}
```

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(183, 175, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4762, -10.4839, 29.3702 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(183, 175, 96) }
```


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

```
.border{ border-color:rgb(183, 175, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 96);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4762, -10.4839, 29.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 96) }
```

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

```
.background{ background-color: rgb(183,  
175, 96) }
```

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](#).

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