

Converting Colors

HunterLab(64.7157, -23.3610,
28.0467)

Have a look what the booklet for
HunterLab(64.7157, -23.3610,
28.0467) contains.

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Color

**HunterLab(64.8171,
-23.4445, 28.0311)**

Conversions

Conversions Part 1

Format	Color
Hex	99B866
RGB	153, 184, 102
RGB Percent	60%, 72%, 40%
CMY	0.4000, 0.2784, 0.6000
CMYK	0.17, 0.00, 0.45, 0.28
HSL	83°, 37%, 56%
HSV	83°, 45%, 72%
XYZ	32.6756, 42.0126, 18.9574
YIQ	165.3830, 7.8460, -32.0740

Conversions

Conversions Part 2

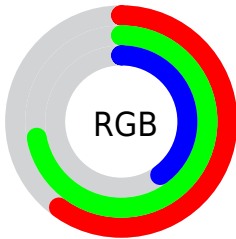
Format	Color
RYB	102, 184, 133
Decimal	10074214
CIELab	70.88, -24.22, 38.11
CIElCh	71, 45.157, 122.430
Yxy	42.0144, 0.3489, 0.4486
Android (android.graphics.Color)	4288264294 (0xFF99B866)
YUV	165.3830, -31.2478, -10.8599
Hunter-Lab	64.8171, -23.4445, 28.0311

Details

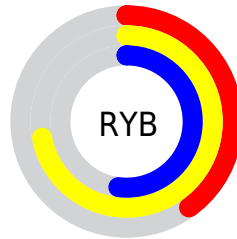
The HunterLab color $64.8171, -23.4445, 28.0311$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $42.3688, 23.0811, -36.9500$, and the grayscale version is $61.6210, -3.2879, 3.3480$.

A 20% lighter version of the original color is $88.4356, -27.0221, 33.5242$, and $43.8062, -19.6482, 22.2521$ is the 20% darker color. If you saturate the color by 10%, you get $64.0559, -26.8611, 31.3127$, and if you desaturate by 10%, it is $65.6641, -19.6476, 23.9576$.

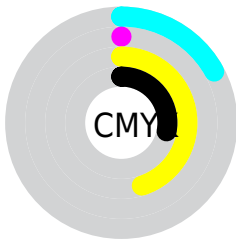
Distribution



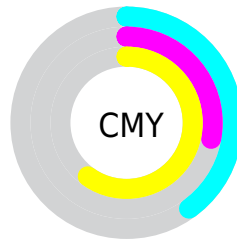
- Red (60%)
- Green (72%)
- Blue (40%)



- Red (40%)
- Yellow (72%)
- Blue (52%)



- Cyan (17%)
- Magenta (0%)
- Yellow (45%)
- Black (28%)



- Cyan (40%)
- Magenta (28%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8171, -23.4445, 28.0311 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 64.8171, -23.4445, 28.0311 by changing the saturation by 10% instead.

■ 64.8171, -23.4445,
28.0311

■ 64.8171, -23.4445,
28.0311

188.2930,
-39.5407, 50.3662

■ 53.9561, -21.5197,
25.1723

■ 88.4429, -27.1642,
33.4194

■ 43.7790, -19.5280,
22.1653

■ 101.1412,
-28.9763, 35.9880

■ 34.3370, -17.4472,
18.9708

■ 114.3950,
-30.7667, 38.4924

■ 25.6925, -15.2406,
15.5369

■ 128.1820,
-32.5404, 40.9434

■ 17.9273, -12.8475,
12.5491

142.4823,
-34.3017, 43.3498

■ 11.1552, -10.6608,
7.8086

157.2780,

■ 3.1228, -5.4648,

-36.0538, 45.7187

2.1859

172.5531,
-37.7994, 48.0558

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8171, -23.4445,
28.0311

■ 64.8171, -23.4445,
28.0311

■ 64.0559, -26.8611,
31.3127

■ 65.6641, -19.6476,
23.9576

■ 63.3744, -29.8910,
33.8203

■ 66.5937, -15.4722,
19.0838

■ 62.7713, -32.5411,
35.5893

■ 67.6076, -10.9312,
13.4143

■ 62.2426, -34.8251,
36.6734


■ 68.7057, -6.0394,
6.9621

■ 61.7829, -36.7680,

■ 69.8871, -0.8142,


37.1511


-0.2521

 61.5543, -37.7246,
37.2690

 71.1509, 4.7252,
-8.2018

 72.4955, 10.5583,
-16.8560

 73.9192, 16.6639,
-26.1802

 74.8618, 20.1534,
-28.4463

Harmonies

Analogous

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



64.8185, -5.1404, 31.0931



64.8171, -23.4445, 28.0311



64.8185, -35.0914, 18.7130

Triad

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



64.8185, -23.4461, 28.0317



64.8185, -20.8656, -39.7809



64.8185, 41.2646, 5.1126

Complementary

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



64.8171, -23.4445, 28.0311



42.3688, 23.0811, -36.9500

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.



64.8185, 35.7063, -16.5440



64.8171, -23.4445, 28.0311



64.8185, -1.7664, -46.8119

Square

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



64.8185, -23.4461, 28.0317



64.8185, -33.7381, -20.2238



64.8185, 19.2813, -37.2297



64.8185, 33.6489, 20.7186

Rectangle

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



64.8171, -23.4445, 28.0311



64.8185, -38.3712, 8.3180



64.8185, 19.2813, -37.2297



64.8185, 40.8747, -1.6574

Sweetspot

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



64.8185, -23.4461, 28.0317



91.2167, -13.8567, 16.9505



52.6039, 11.1918, 18.4414



42.2070, -7.0834, 8.7061



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.



64.8185, -23.4461, 28.0317



86.3083, -35.8691, 41.8917



62.2484, -33.3990, 25.7989



32.1390, -3.9676, 4.7789



51.1402, -31.1533, 30.9670



9.7785, -5.1442, 5.9354

Inverse Universe

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



42.3688, 23.0811, -36.9500



50.5499, 39.3193, -64.5810



46.7508, 35.2229, -28.0890



29.8001, 0.7611, -1.6779



18.1911, 44.2637, -89.8785



3.9060, 8.8416, -14.1622

Previews

White Background



This preview shows how the HunterLab color 64.8171, -23.4445, 28.0311 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 64.8171, -23.4445, 28.0311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

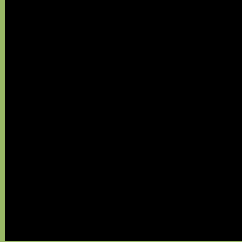
Any Text WCAG AA ✓ Pass

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 64.8171, -23.4445, 28.0311 Background



This preview shows how black text looks on a background with the HunterLab color 64.8171, -23.4445, 28.0311.



This preview shows how white text looks on a background with the HunterLab color 64.8171, -23.4445, 28.0311.

-23.4445, 28.0311.

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

64.8171, -23.4445, 28.0311

Protanopia

64.5880, -6.9500, 29.0697

Deuteranopia

64.4253, 4.5960, 27.2302



Tritanopia

64.7320, -3.7239, -3.7549

Trichromacy



Original Color

64.8171, -23.4445, 28.0311

Protanomaly

64.5695, -13.1838, 28.7174

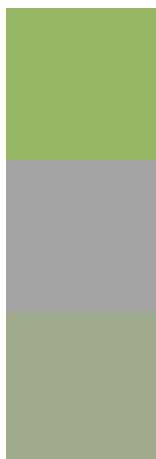
Deuteranomaly

64.2991, -6.2310, 27.1883

Tritanomaly

64.6933, -11.9401, 10.4205

Monochromacy



Original Color

64.8171, -23.4445, 28.0311

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

62.4781, -11.2473, 14.0165

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8171, -23.4445, 28.0311 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(153, 184, 102)` looks like.

```
.text, #text, p{  
    color:rgb(153, 184, 102)  
}
```

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(153, 184, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 184, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8171, -23.4445, 28.0311 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(153, 184, 102) }
```


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

```
.border{ border-color:rgb(153, 184, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 184, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 184, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 184, 102);  
box-shadow:4px 4px 4px 4px rgb(153, 184,  
102) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8171, -23.4445, 28.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 184, 102) }
```

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

```
.background{ background-color: rgb(153,  
184, 102) }
```

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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