

# Converting Colors

HunterLab(67.4515, -20.6704,  
29.5652)

Have a look what the booklet for  
HunterLab(67.4515, -20.6704,  
29.5652) contains.

<b>HunterLab(67.3136, -20.5280, 29.3474)</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(67.3136,  
-20.5280, 29.3474)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A8BC69
RGB	168, 188, 105
RGB Percent	66%, 74%, 41%
CMY	0.3412, 0.2627, 0.5882
CMYK	0.11, 0.00, 0.44, 0.26
HSL	74°, 38%, 57%
HSV	74°, 44%, 74%
XYZ	36.6815, 45.3112, 20.1772
YIQ	172.5580, 14.7230, -30.0530

# Conversions

## Conversions Part 2

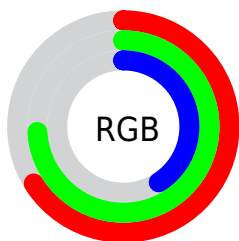
Format	Color
<a href="#">RYB</a>	<a href="#">105, 188, 125</a>
Decimal	<a href="#">11058281</a>
CIELab	<a href="#">73.10, -20.01, 39.59</a>
CIELCh	<a href="#">73, 44.358, 116.808</a>
Yxy	<a href="#">45.3132, 0.3590, 0.4435</a>
Android (android.graphics.Color)	<a href="#">4289248361</a> (0xFFA8BC69)
YUV	<a href="#">172.5580, -33.3061, -3.9974</a>
Hunter-Lab	<a href="#">67.3136, -20.5280, 29.3474</a>

# Details

The HunterLab color **67.3136, -20.5280, 29.3474** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **42.5384, 20.3412, -39.7484**, and the grayscale version is **64.5914, -3.4464, 3.5094**.

A 20% lighter version of the original color is **91.1138, -23.7574, 34.6785**, and **46.0230, -17.3480, 23.3991** is the 20% darker color. If you saturate the color by 10%, you get **66.6931, -23.3787, 32.8219**, and if you desaturate by 10%, it is **68.0070, -17.3305, 25.0346**.

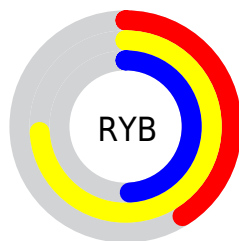
# Distribution



Red (66%)

Green (74%)

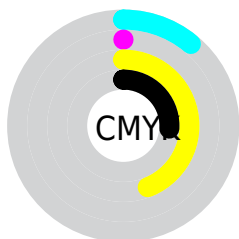
Blue (41%)



Red (41%)

Yellow (74%)

Blue (49%)

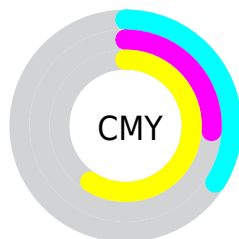


Cyan (11%)

Magenta (0%)

Yellow (44%)

Black (26%)



Cyan (34%)

Magenta (26%)


Yellow (59%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.3136, -20.5280, 29.3474 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 67.3136, -20.5280, 29.3474 by changing the saturation by 10% instead.





 67.3136, -20.5280,  
29.3474


 67.3136, -20.5280,  
29.3474


191.8439,  
-34.9013, 52.2327


 56.3065, -18.8566,  
26.4215


 91.2087, -23.7932,  
34.8679


 45.9736, -17.1411,  
23.3476


 104.0322,  
-25.3980, 37.5006

 36.3637, -15.3665,  
20.0882


 117.4061,  
-26.9918, 40.0676

 27.5362, -13.5069,  
16.5941

 131.3085,  
-28.5782, 42.5798

 19.5677, -11.5203,  
13.6480

145.7200,  
-30.1602, 45.0459

 12.5632, -9.3303,  
8.7942

160.6234,

 5.8560, -10.2481,

-31.7402, 47.4730

4.0992

176.0027,  
-33.3200, 49.8669

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3136, -20.5280,  
29.3474

■ 67.3136, -20.5280,  
29.3474

■ 66.6931, -23.3787,  
32.8219

■ 68.0070, -17.3305,  
25.0346

■ 66.1386, -25.8828,  
35.4840

■ 68.7706, -13.7797,  
19.8665

■ 65.6482, -28.0540,  
37.3764

■ 69.6071, -9.8809,  
13.8389

■ 65.2176, -29.9114,  
38.5586


■ 70.5172, -5.6410,  
6.9567

■ 64.8411, -31.4842,

■ 71.5010, -1.0700,


39.1141


-0.7675

 64.6380, -32.3171,  
39.2639

 72.5584, 3.8198,  
-9.3140

 73.6888, 9.0140,  
-18.6578

 74.8739, 14.4056,  
-28.5274

 75.3072, 15.8024,  
-27.8050

# Harmonies

## Analogous

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



67.3151, -1.3779, 31.4559



67.3136, -20.5280, 29.3474



67.3151, -33.6146, 21.1867

# Triad

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



67.3151, -20.5299, 29.3480



67.3151, -23.9187, -36.0652



67.3151, 40.6490, 1.5344

# Complementary

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



67.3136, -20.5280, 29.3474



42.5384, 20.3412, -39.7484

# 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.



67.3151, 32.8259, -20.3740



67.3136, -20.5280, 29.3474



67.3151, -5.7845, -45.8012

# Square

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



67.3151, -20.5299, 29.3480



67.3151, -35.3997, -15.6214



67.3151, 15.1987, -39.3384



67.3151, 35.4913, 18.5274



# Rectangle

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



67.3136, -20.5280, 29.3474



67.3151, -37.9544, 11.7014



67.3151, 15.1987, -39.3384



67.3151, 39.4295, -5.5054

# Sweetspot

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



67.3151, -20.5299, 29.3480



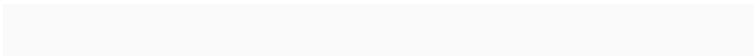
93.8156, -12.7865, 17.8111



51.2055, 16.8659, 16.3725



43.3846, -6.4911, 9.1496



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



67.3151, -20.5299, 29.3480



89.8045, -31.3708, 44.0684



64.4289, -31.5563, 26.8492



33.1686, -3.7369, 5.0419



53.3673, -26.5341, 32.4201



10.6960, -4.7307, 6.5080



# Inverse Universe

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



42.5384, 20.3412, -39.7484



49.9955, 35.6843, -70.8246



46.7201, 32.2022, -31.0283



30.5506, 0.4421, -1.8788



16.9886, 43.6444, -101.8187



3.8003, 9.0561, -17.2956



# Previews

## White Background



This preview shows how the HunterLab color 67.3136, -20.5280, 29.3474 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

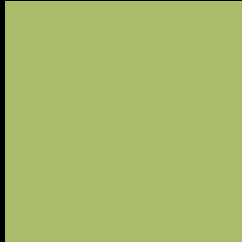
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 67.3136, -20.5280, 29.3474 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

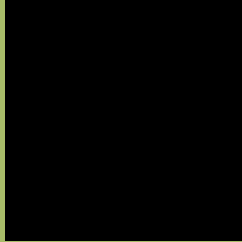
Any Text WCAG AA ✓ Pass

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 67.3136, -20.5280, 29.3474 Background



This preview shows how black text looks on a background with the HunterLab color 67.3136, -20.5280, 29.3474.



This preview shows how white text looks on a background with the HunterLab color 67.3136,

-20.5280, 29.3474.

# 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

67.3136, -20.5280, 29.3474

### Protanopia

67.1341, -7.0241, 30.1431

### Deuteranopia





67.0684, 4.8940, 28.6228






## Tritanopia

67.2535, -0.8445, -2.5377

# Trichromacy

	<b>Original Color</b> 67.3136, -20.5280, 29.3474
	<b>Protanomaly</b> 66.9883, -12.1736, 29.7074
	<b>Deuteranomaly</b> 66.8349, -4.8371, 28.5129
	<b>Tritanomaly</b> 67.1624, -9.2254, 11.8643

# Monochromacy

	<b>Original Color</b> 67.3136, -20.5280, 29.3474
	<b>Achromatopsia</b> 64.6440, -3.4492, 3.5122
	<b>Achromatomaly</b> 65.2969, -10.2254, 14.6170

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 67.3136, -20.5280, 29.3474 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(168, 188, 105)` looks like.

```
.text, #text, p{  
    color:rgb(168, 188, 105)  
}
```

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(168, 188, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 188, 105) }
```

## Border

The CSS property to change the border of an element to HunterLab 67.3136, -20.5280, 29.3474 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(168, 188, 105) }
```



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

```
.border{ border-color:rgb(168, 188, 105) }
```

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

Here you see how a box with a 4 pixel rgb(168, 188, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 188, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 188, 105);  
box-shadow:4px 4px 4px 4px rgb(168, 188,  
105) }
```

# Background

The CSS property to change the background color of an element to HunterLab 67.3136, -20.5280, 29.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 188, 105) }
```

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

```
.background{ background-color: rgb(168,  
188, 105) }
```

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