

# Converting Colors

HunterLab(66.0985, -29.9719,  
21.5749)

Have a look what the booklet for  
HunterLab(66.0985, -29.9719,  
21.5749) contains.

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# Color

**HunterLab(65.9649,  
-29.8037, 21.4582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81BF81
RGB	129, 191, 129
RGB Percent	51%, 75%, 51%
CMY	0.4941, 0.2510, 0.4941
CMYK	0.32, 0.00, 0.32, 0.25
HSL	120°, 33%, 63%
HSV	120°, 32%, 75%
XYZ	31.6465, 43.5137, 27.4999
YIQ	165.3940, -17.0500, -32.4260

# Conversions

## Conversions Part 2

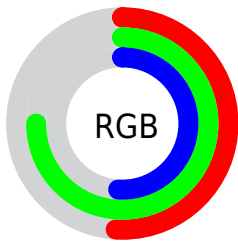
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 191, 191
Decimal	8503169
CIELab	71.90, -32.34, 25.13
CIELCh	72, 40.959, 142.146
Yxy	43.5155, 0.3083, 0.4239
Android (android.graphics.Color)	4286693249 (0xFF81BF81)
YUV	165.3940, -17.9422, -31.9175
Hunter-Lab	65.9649, -29.8037, 21.4582

# Details

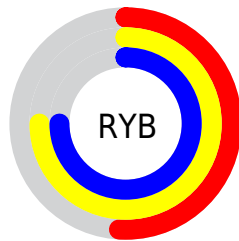
The HunterLab color  $65.9649, -29.8037, 21.4582$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $55.2624, 28.4276, -18.3342$ , and the grayscale version is  $61.5799, -3.2857, 3.3458$ .

A 20% lighter version of the original color is  $89.8346, -34.4585, 25.5439$ , and  $44.7589, -24.8187, 17.3471$  is the 20% darker color. If you saturate the color by 10%, you get  $64.5721, -35.9897, 25.6395$ , and if you desaturate by 10%, it is  $67.6092, -22.6993, 16.6564$ .

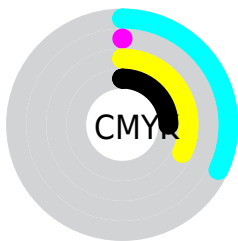
# Distribution



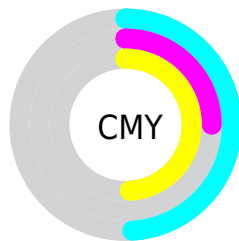
- Red (51%)
- Green (75%)
- Blue (51%)



- Red (51%)
- Yellow (75%)
- Blue (75%)



- Cyan (32%)
- Magenta (0%)
- Yellow (32%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.9649, -29.8037, 21.4582 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 65.9649, -29.8037, 21.4582 by changing the saturation by 10% instead.



■ 65.9649, -29.8037,  
21.4582

■ 65.9649, -29.8037,  
21.4582

189.9283,  
-49.2186, 38.0779

■ 55.0362, -27.4034,  
19.4422

■ 89.7152, -34.3865,  
25.3294

■ 44.7869, -24.8993,  
17.3480

■ 102.4715,  
-36.5958, 27.2071

■ 35.2671, -22.2592,  
15.1498

■ 115.7808,  
-38.7647, 29.0576

■ 26.5377, -19.4326,  
12.8084

129.6211,  
-40.9005, 30.8871

■ 18.6781, -16.3368,  
10.2718

143.9728,  
-43.0094, 32.7003

■ 11.7978, -13.6404,  
8.2584

158.8183,

■ 4.5905, -8.0334,

-45.0961, 34.5011

3.2133

174.1416,  
-47.1647, 36.2928

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9649, -29.8037,  
21.4582

■ 65.9649, -29.8037,  
21.4582

■ 64.5721, -35.9897,  
25.6395

■ 67.6092, -22.6993,  
16.6564

■ 63.4265, -41.1850,  
29.1519

■ 69.4969, -14.7606,  
11.2919

■ 62.5248, -45.3501,  
31.9681

■ 71.6228, -6.0875,  
5.4323

■ 61.8569, -48.4801,  
34.0847

■ 73.9777, 3.2183,  
-0.8534

■ 61.4065, -50.6133,

■ 76.5507, 13.0575,

35.5272

-7.4980

■ 61.1496, -51.8383,  
36.3557

■ 79.3303, 23.3380,  
-14.4388

■ 61.0437, -52.3449,  
36.6983

■ 81.0822, 29.6481,  
-18.6987

# Harmonies

## Analogous

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



65.9663, -16.6555, 28.2334



65.9649, -29.8037, 21.4582



65.9663, -35.7655, 8.1369

# Triad

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



65.9663, -29.8049, 21.4588



65.9663, -8.4104, -40.5864



65.9663, 33.5731, 15.3252

# Complementary

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



65.9649, -29.8037, 21.4582



55.2624, 28.4276, -18.3342

# 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.



65.9663, 36.4196, -1.3039



65.9649, -29.8037, 21.4582



65.9663, 10.7239, -37.0623

# Square

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



65.9663, -29.8049, 21.4588



65.9663, -24.3515, -29.9020



65.9663, 27.6505, -21.3051



65.9663, 20.2599, 25.4489



# Rectangle

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



65.9649, -29.8037, 21.4582



65.9663, -35.3887, -4.0946



65.9663, 27.6505, -21.3051



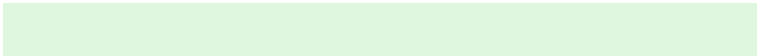
65.9663, 35.8419, 10.4499

# Sweetspot

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



65.9663, -29.8049, 21.4588



93.6321, -17.1621, 13.3605



70.6577, -12.2909, 25.8961



43.6939, -8.7952, 6.7696



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594



# Same Dimension

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



65.9663, -29.8049, 21.4588



86.9106, -45.9405, 32.8096



66.6848, -25.6068, 11.0719



32.6338, -5.6449, 4.4276



49.4852, -42.4335, 29.7496



9.7939, -8.3982, 5.8878



# Inverse Universe

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



55.2624, 28.4276, -18.3342



69.7642, 47.7318, -31.1998



54.1440, 22.8850, -2.6559



31.1389, 2.4295, -1.0902



31.2269, 61.3930, -41.1846



6.1803, 12.1507, -8.1512



# Previews

## White Background



This preview shows how the HunterLab color 65.9649, -29.8037, 21.4582 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 65.9649, -29.8037, 21.4582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

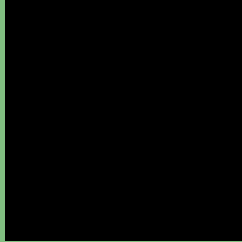
Any Text WCAG AA ✓ Pass

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 65.9649, -29.8037, 21.4582 Background



This preview shows how black text looks on a background with the HunterLab color 65.9649, -29.8037, 21.4582.



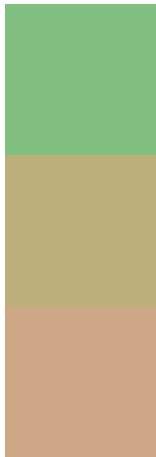
This preview shows how white text looks on a background with the HunterLab color 65.9649, -29.8037, 21.4582.

-29.8037, 21.4582.

# 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

65.9649, -29.8037, 21.4582

### Protanopia

65.4858, -6.0347, 23.5761

### Deuteranopia

65.4586, 4.7753, 19.9901



## Tritanopia

65.7555, -12.0224, -7.3216

# Trichromacy



## Original Color

65.9649, -29.8037, 21.4582

## Protanomaly

65.3788, -15.6822, 22.4165

## Deuteranomaly

64.9474, -9.0812, 19.9330

## Tritanomaly

65.5705, -19.1645, 4.7773

# Monochromacy



## Original Color

65.9649, -29.8037, 21.4582

## Achromatopsia

61.3402, -3.2730, 3.3327

## Achromatomaly

62.6215, -13.3776, 10.2275

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.9649, -29.8037, 21.4582 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(129, 191, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 191, 129)  
}
```

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(129, 191, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 191, 129) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.9649, -29.8037, 21.4582 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(129, 191, 129) }
```



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

```
.border{ border-color:rgb(129, 191, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 191, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 191, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 191, 129);  
box-shadow:4px 4px 4px 4px rgb(129, 191,  
129) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.9649, -29.8037, 21.4582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 191, 129) }
```

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

```
.background{ background-color: rgb(129,  
191, 129) }
```

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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