

# Converting Colors

HunterLab(64.9850, -31.5994,  
24.6919)

Have a look what the booklet for  
HunterLab(64.9850, -31.5994,  
24.6919) contains.

<b>HunterLab(65.1342, -31.8649, 24.8132)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(65.1342,  
-31.8649, 24.8132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DBE73
RGB	125, 190, 115
RGB Percent	49%, 75%, 45%
CMY	0.5098, 0.2549, 0.5490
CMYK	0.34, 0.00, 0.39, 0.25
HSL	112°, 37%, 60%
HSV	112°, 39%, 75%
XYZ	29.9654, 42.4246, 22.8291
YIQ	162.0150, -14.6650, -37.1050

# Conversions

## Conversions Part 2

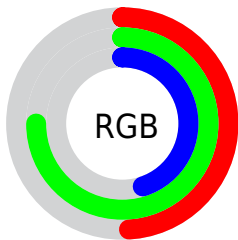
<b>Format</b>	<b>Color</b>
<b>RYB</b>	115, 190, 180
Decimal	8240755
CIELab	71.16, -35.40, 31.47
CIELCh	71, 47.364, 138.368
Yxy	42.4264, 0.3147, 0.4455
Android (android.graphics.Color)	4286430835 (0xFF7DBE73)
YUV	162.0150, -23.1784, -32.4622
Hunter-Lab	65.1342, -31.8649, 24.8132

# Details

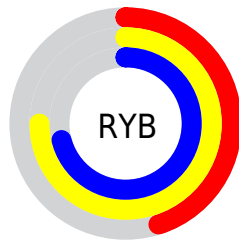
The HunterLab color  $65.1342, -31.8649, 24.8132$  is a dark color, and the websafe version is hex  $99CC66$ . A complement of this color would be  $50.6792, 31.9430, -25.2074$ , and the grayscale version is  $60.2123, -3.2128, 3.2715$ .

A 20% lighter version of the original color is  $88.9112, -36.8417, 29.4379$ , and  $44.0087, -26.5959, 19.9148$  is the 20% darker color. If you saturate the color by 10%, you get  $63.9490, -37.1740, 28.4938$ , and if you desaturate by 10%, it is  $66.5235, -25.7706, 20.4377$ .

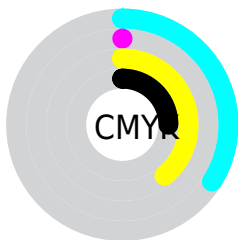
# Distribution



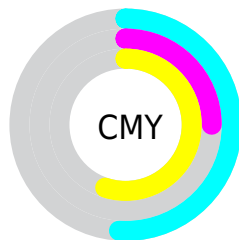
- Red (49%)
- Green (75%)
- Blue (45%)



- Red (45%)
- Yellow (75%)
- Blue (71%)



- Cyan (34%)
- Magenta (0%)
- Yellow (39%)
- Black (25%)



- Cyan (51%)
- Magenta (25%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.1342, -31.8649, 24.8132 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 65.1342, -31.8649, 24.8132 by changing the saturation by 10% instead.



■ 65.1342, -31.8649,  
24.8132

■ 65.1342, -31.8649,  
24.8132

188.7452,  
-52.5837, 44.1836

■ 54.2544, -29.2721,  
22.3902

■ 88.7945, -36.7929,  
29.4153

■ 44.0572, -26.5578,  
19.8539

■ 101.5089,  
-39.1594, 31.6254

■ 34.5936, -23.6846,  
17.1705

■ 114.7781,  
-41.4770, 33.7905

■ 25.9256, -20.5940,  
14.2917

128.5799,  
-43.7546, 35.9190

■ 18.1341, -17.1904,  
11.5455

142.8944,  
-45.9989, 38.0175

■ 11.3319, -14.9398,  
7.9323

157.7039,

■ 3.5896, -6.2819,

-48.2156, 40.0916

2.5128

172.9924,  
-50.4092, 42.1457

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.1342, -31.8649,  
24.8132

■ 65.1342, -31.8649,  
24.8132

■ 63.9490, -37.1740,  
28.4938

■ 66.5235, -25.7706,  
20.4377

■ 62.9628, -41.6512,  
31.4563

■ 68.1110, -18.9461,  
15.4030

■ 62.1725, -45.2751,  
33.7002

■ 69.8944, -11.4615,  
9.7584

■ 61.5702, -48.0493,  
35.2497


■ 71.8679, -3.3908,  
3.5598


■ 61.1436, -50.0075,


■ 74.0244, 5.1909,


36.1592


-3.1341

 60.8712, -51.2460,  
36.5834

 76.3559, 14.2110,  
-10.2643

 60.8601, -51.2970,  
36.6036

 78.8538, 23.6015,  
-17.7741

 80.8137, 30.2079,  
-19.0843

# Harmonies

## Analogous

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



65.1356, -16.1330, 31.1167



65.1342, -31.8649, 24.8132



65.1356, -39.5681, 11.0628

# Triad

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



65.1356, -31.8661, 24.8138



65.1356, -11.6930, -48.6532



65.1356, 41.1205, 14.8710

# Complementary

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



65.1342, -31.8649, 24.8132



50.6792, 31.9430, -25.2074

# 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.



65.1356, 42.7194, -4.9905



65.1342, -31.8649, 24.8132



65.1356, 10.2215, -46.5974

# Square

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



65.1356, -31.8661, 24.8138



65.1356, -28.9839, -33.7202



65.1356, 30.7951, -28.7830



65.1356, 26.6767, 26.8111



# Rectangle

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



65.1342, -31.8649, 24.8132



65.1356, -39.8852, -2.5102



65.1356, 30.7951, -28.7830



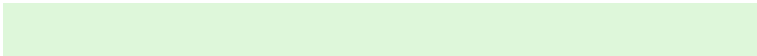
65.1356, 43.2417, 9.0704

# Sweetspot

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



65.1356, -31.8661, 24.8138



93.4081, -18.2521, 15.2804



66.9548, -8.7915, 26.7399



43.6202, -9.1857, 7.6392



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.



65.1356, -31.8661, 24.8138



86.3380, -48.8955, 37.5760



65.1473, -30.6994, 16.1352



32.7246, -5.3188, 4.5326



49.6469, -41.7426, 29.8614



9.9274, -7.8313, 5.9801



# Inverse Universe

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



50.6792, 31.9430, -25.2074



63.3454, 53.1535, -42.6637



50.8293, 30.2151, -8.2966



31.0323, 2.0722, -1.2320



27.9150, 56.6607, -50.6078



5.6865, 11.4411, -9.5253



# Previews

## White Background



This preview shows how the HunterLab color 65.1342, -31.8649, 24.8132 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 65.1342, -31.8649, 24.8132 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

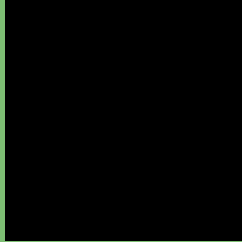
Any Text WCAG AA ✓ Pass

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 65.1342, -31.8649, 24.8132 Background



This preview shows how black text looks on a background with the HunterLab color 65.1342, -31.8649, 24.8132.



This preview shows how white text looks on a background with the HunterLab color 65.1342,

-31.8649, 24.8132.

# 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

65.1342, -31.8649, 24.8132

### Protanopia

64.6607, -6.3496, 26.4662

### Deuteranopia

64.7255, 4.6498, 23.6879



## Tritanopia

64.8626, -12.1847, -7.4393

# Trichromacy



## Original Color

65.1342, -31.8649, 24.8132

## Protanomaly

64.4165, -16.5320, 25.5617

## Deuteranomaly

64.2768, -10.4792, 23.6138

## Tritanomaly

64.8864, -20.4176, 6.6604

# Monochromacy



## Original Color

65.1342, -31.8649, 24.8132

## Achromatopsia

60.1088, -3.2073, 3.2658

## Achromatomaly

61.5946, -14.3081, 11.9180

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.1342, -31.8649, 24.8132 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(125, 190, 115)` looks like.

```
.text, #text, p{  
    color:rgb(125, 190, 115)  
}
```

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(125, 190, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 190, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.1342, -31.8649, 24.8132 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(125, 190, 115) }
```



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

```
.border{ border-color:rgb(125, 190, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 190, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 190, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 190, 115);  
box-shadow:4px 4px 4px 4px rgb(125, 190,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.1342, -31.8649, 24.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 190, 115) }
```

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

```
.background{ background-color: rgb(125,  
190, 115) }
```

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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