

# Converting Colors

HunterLab(65.4801, -24.9365,  
21.1064)

Have a look what the booklet for  
HunterLab(65.4801, -24.9365,  
21.1064) contains.

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# Color

**HunterLab(65.4801,  
-24.9365, 21.1064)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8EBB81
RGB	142, 187, 129
RGB Percent	56%, 73%, 51%
CMY	0.4431, 0.2667, 0.4941
CMYK	0.24, 0.00, 0.31, 0.27
HSL	107°, 30%, 62%
HSV	107°, 31%, 73%
XYZ	32.8881, 42.8764, 27.3115
YIQ	166.9330, -8.2020, -27.5780

# Conversions

## Conversions Part 2

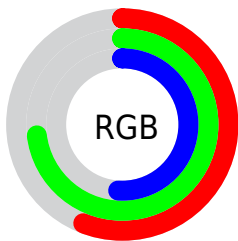
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 187, 174
Decimal	9354113
CIELab	71.47, -26.01, 24.68
CIElCh	71, 35.854, 136.499
Yxy	42.8783, 0.3191, 0.4160
Android (android.graphics.Color)	4287544193 (0xFF8EBB81)
YUV	166.9330, -18.7010, -21.8662
Hunter-Lab	65.4801, -24.9365, 21.1064

# Details

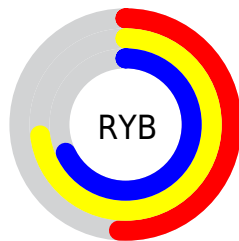
The HunterLab color  $65.4801, -24.9365, 21.1064$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $53.1868, 21.9612, -19.2532$ , and the grayscale version is  $62.2141, -3.3196, 3.3802$ .

A 20% lighter version of the original color is  $89.0780, -28.6011, 24.9321$ , and  $44.4841, -21.0566, 17.1831$  is the 20% darker color. If you saturate the color by 10%, you get  $64.2064, -30.5488, 25.3269$ , and if you desaturate by 10%, it is  $66.9254, -18.6956, 16.2005$ .

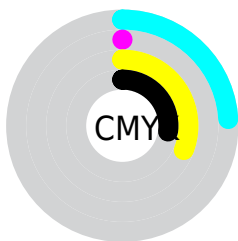
# Distribution



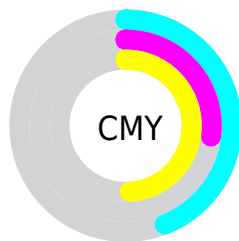
- Red (56%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (68%)



- Cyan (24%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (44%)
- Magenta (27%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.4801, -24.9365, 21.1064 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 65.4801, -24.9365, 21.1064 by changing the saturation by 10% instead.



■ 65.4801, -24.9365,  
21.1064

■ 65.4801, -24.9365,  
21.1064

189.2382,  
-41.7532, 37.5420

■ 54.5799, -22.9096,  
19.1158

■ 89.1780, -28.8420,  
24.9306

■ 44.3610, -20.8088,  
17.0485

■ 101.9098,  
-30.7402, 26.7864

■ 34.8739, -18.6097,  
14.8787

■ 115.1958,  
-32.6127, 28.6159

■ 26.1802, -16.2732,  
12.5673

129.0137,  
-34.4652, 30.4252

■ 18.3602, -13.7350,  
10.0661

143.3437,  
-36.3022, 32.2190

■ 11.5254, -11.3066,  
8.0678

158.1682,

■ 4.0372, -7.0651,

-38.1273, 34.0010

2.8260

173.4712,  
-39.9435, 35.7745

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.4801, -24.9365,  
21.1064

■ 65.4801, -24.9365,  
21.1064

■ 64.2064, -30.5488,  
25.3269

■ 66.9254, -18.6956,  
16.2005

■ 63.1012, -35.4833,  
28.8335

■ 68.5350, -11.8752,  
10.6453

■ 62.1652, -39.7077,  
31.6154

■ 70.3063, -4.5344,  
4.4878

■ 61.3952, -43.2040,  
33.6808


■ 72.2339, 3.2676,  
-2.2213


■ 60.7853, -45.9735,


■ 74.3116, 11.4726,


35.0616


-9.4294

 60.3265, -48.0407,  
35.8187

 76.5330, 20.0253,  
-17.0840

 60.0273, -49.3741,  
36.1241

 78.6881, 27.8460,  
-22.3104

 80.0140, 31.8882,  
-20.2414

# Harmonies

## Analogous

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



65.4815, -12.2578, 26.3836



65.4801, -24.9365, 21.1064



65.4815, -31.5538, 10.2195

# Triad

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



65.4815, -24.9379, 21.1071



65.4815, -10.7335, -33.0515



65.4815, 29.7465, 11.5619

# Complementary

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



65.4801, -24.9365, 21.1064



53.1868, 21.9612, -19.2532

# 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.



65.4815, 30.2583, -3.8721



65.4801, -24.9365, 21.1064



65.4815, 5.7491, -32.4341

# Square

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



65.4815, -24.9379, 21.1071



65.4815, -23.9174, -22.2934



65.4815, 21.1146, -20.7711



65.4815, 19.7788, 21.8793



# Rectangle

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



65.4801, -24.9365, 21.1064



65.4815, -32.1061, 0.0589



65.4815, 21.1146, -20.7711



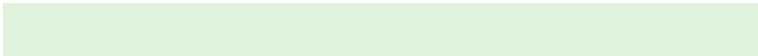
65.4815, 31.0619, 6.8861

# Sweetspot

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



65.4815, -24.9379, 21.1071



92.1442, -14.1046, 12.7637



64.9755, -5.2179, 20.9941



43.0836, -7.2761, 6.5350



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

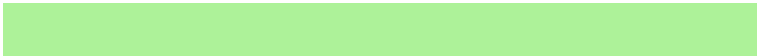


# Same Dimension

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



65.4815, -24.9379, 21.1071



86.4818, -38.4143, 32.0693



64.9905, -26.1327, 15.3462



32.7872, -5.0944, 4.6047



49.8526, -40.8673, 30.0035



10.0173, -7.4545, 6.0421



# Inverse Universe

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



53.1868, 21.9612, -19.2532



66.8121, 36.8799, -32.9065



54.0621, 23.4192, -8.8258



30.9605, 1.8308, -1.3277



25.8043, 53.7704, -57.5867



5.3654, 10.9932, -10.5227



# Previews

## White Background



This preview shows how the HunterLab color 65.4801, -24.9365, 21.1064 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 65.4801, -24.9365, 21.1064 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

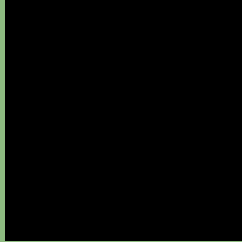
Any Text WCAG AA ✓ Pass

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 65.4801, -24.9365, 21.1064 Background



This preview shows how black text looks on a background with the HunterLab color 65.4801, -24.9365, 21.1064.



This preview shows how white text looks on a background with the HunterLab color 65.4801,

-24.9365, 21.1064.

# 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

65.4801, -24.9365, 21.1064

### Protanopia

65.1296, -5.6836, 22.6740

### Deuteranopia

65.0462, 4.7990, 19.9385



## Tritanopia

65.4697, -8.5603, -5.4977

# Trichromacy



## Original Color

65.4801, -24.9365, 21.1064

## Protanomaly

65.1187, -13.4109, 21.9192

## Deuteranomaly

64.7172, -6.8115, 19.7600

## Tritanomaly

65.3818, -15.1016, 5.5367

# Monochromacy



## Original Color

65.4801, -24.9365, 21.1064

## Achromatopsia

62.1634, -3.3169, 3.3775

## Achromatomaly

63.1198, -11.5198, 10.3840

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.4801, -24.9365, 21.1064 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(142, 187, 129)` looks like.

```
.text, #text, p{  
    color:rgb(142, 187, 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(142, 187, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 187, 129) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.4801, -24.9365, 21.1064 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(142, 187, 129) }
```



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

```
.border{ border-color:rgb(142, 187, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 187, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 187, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 187, 129);  
box-shadow:4px 4px 4px 4px rgb(142, 187,  
129) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.4801, -24.9365, 21.1064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 187, 129) }
```

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

```
.background{ background-color: rgb(142,  
187, 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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