

# Converting Colors

HunterLab(65.1782, -25.9835,  
14.2127)

Have a look what the booklet for  
HunterLab(65.1782, -25.9835,  
14.2127) contains.

<b>HunterLab(65.0138, -25.8673, 14.0580)</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(65.0138,  
-25.8673, 14.0580)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80BB94
RGB	128, 187, 148
RGB Percent	50%, 73%, 58%
CMY	0.4980, 0.2667, 0.4196
CMYK	0.32, 0.00, 0.21, 0.27
HSL	140°, 30%, 62%
HSV	140°, 32%, 73%
XYZ	32.0177, 42.2679, 34.4880
YIQ	164.9130, -22.6450, -24.6370

# Conversions

## Conversions Part 2

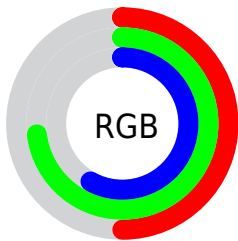
Format	Color
<b>RYB</b>	128, 172, 187
Decimal	8436628
CIELab	71.06, -27.34, 13.76
CIELCh	71, 30.609, 153.278
Yxy	42.2697, 0.2944, 0.3886
Android (android.graphics.Color)	4286626708 (0xFF80BB94)
YUV	164.9130, -8.3381, -32.3727
Hunter-Lab	65.0138, -25.8673, 14.0580

# Details

The HunterLab color  $65.0138, -25.8673, 14.0580$  is a light color, and the websafe version is hex  $99CC99$ . A complement of this color would be  $53.6602, 23.1511, -6.9264$ , and the grayscale version is  $61.3455, -3.2732, 3.3330$ .

A 20% lighter version of the original color is  $88.4932, -29.7974, 16.5701$ , and  $43.7888, -21.4946, 11.2935$  is the 20% darker color. If you saturate the color by 10%, you get  $63.7024, -31.5262, 17.1466$ , and if you desaturate by 10%, it is  $66.5346, -19.5127, 10.8717$ .

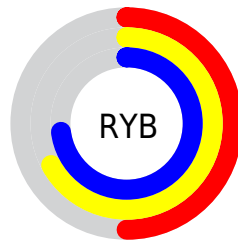
# Distribution



Red (50%)

Green (73%)

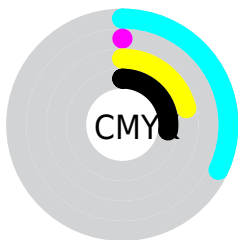
Blue (58%)



Red (50%)

Yellow (67%)

Blue (73%)

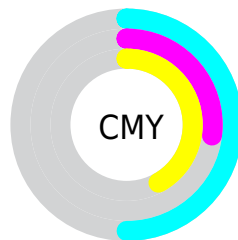


Cyan (32%)

Magenta (0%)

Yellow (21%)

Black (27%)



Cyan (50%)

Magenta (27%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0138, -25.8673, 14.0580 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 65.0138, -25.8673, 14.0580 by changing the saturation by 10% instead.





 65.0138, -25.8673,  
14.0580


 65.0138, -25.8673,  
14.0580


188.5735,  
-43.2383, 25.9995


 54.1410, -23.7587,  
12.7234


 88.6610, -29.9189,  
16.6990

 43.9515, -21.5690,  
11.3674


 101.3692,  
-31.8837, 18.0141

 34.4961, -19.2715,  
9.9783


 114.6326,  
-33.8195, 19.3305

 25.8370, -16.8237,  
8.5365

128.4288,  
-35.7323, 20.6506

 18.0555, -14.1554,  
7.0096

142.7379,  
-37.6270, 21.9763

 11.2647, -11.8539,  
5.9353

157.5421,

 3.4199, -5.9848,

-39.5076, 23.3089

2.3939

172.8256,  
-41.3771, 24.6497

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.0138, -25.8673,  
14.0580

■ 65.0138, -25.8673,  
14.0580

■ 63.7024, -31.5262,  
17.1466

■ 66.5346, -19.5127,  
10.8717

■ 62.5965, -36.4321,  
20.0980

■ 68.2578, -12.5251,  
7.6211

■ 61.6944, -40.5490,  
22.8761

■ 70.1795, -4.9777,  
4.3400

■ 60.9893, -43.8625,  
25.4459


■ 72.2930, 3.0552,  
1.0571


■ 60.4697, -46.3859,


■ 74.5903, 11.5017,


27.7765


-2.2030


 60.1189, -48.1660,  
29.8416

 77.0625, 20.2939,  
-5.4208

 59.9212, -49.2182,  
31.3518

 79.2296, 27.9285,  
-9.2418

 79.6938, 30.2766,  
-15.7651

 80.0139, 31.8884,  
-20.2415

# Harmonies

## Analogous

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



65.0152, -17.6304, 21.5539



65.0138, -25.8673, 14.0580



65.0152, -28.2860, 2.0536

# Triad

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



65.0152, -25.8684, 14.0587



65.0152, -1.9219, -27.6698



65.0152, 20.6677, 16.1104

# Complementary

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



65.0138, -25.8673, 14.0580



53.6602, 23.1511, -6.9264

# 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.



65.0152, 25.7302, 4.9901



65.0138, -25.8673, 14.0580



65.0152, 12.0111, -21.7956

# Square

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



65.0152, -25.8684, 14.0587



65.0152, -15.1704, -23.8272



65.0152, 22.4365, -9.0984



65.0152, 9.1157, 22.5500



# Rectangle

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



65.0138, -25.8673, 14.0580



65.0152, -26.4564, -7.4483



65.0152, 22.4365, -9.0984



65.0152, 23.2273, 12.8906

# Sweetspot

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



65.0152, -25.8684, 14.0587



91.9408, -14.3963, 9.1448



67.3446, -17.9937, 23.2025



42.9746, -7.4335, 4.5925



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.



65.0152, -25.8684, 14.0587



85.7370, -40.0677, 21.7495



65.8123, -21.2565, 2.6283



32.7133, -5.2006, 3.2890



49.7497, -40.7766, 25.8421



9.9093, -7.6782, 4.1893



# Inverse Universe

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



53.6602, 23.1511, -6.9264



67.4551, 39.1511, -11.9438



52.7581, 18.6115, 5.8837



31.0480, 1.9431, 0.1995



28.7908, 52.8125, -8.5849



5.8005, 10.8182, -3.1103



# Previews

## White Background



This preview shows how the HunterLab color 65.0138, -25.8673, 14.0580 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

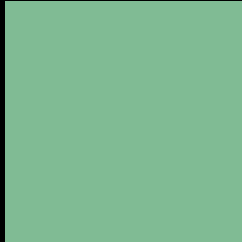
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 65.0138, -25.8673, 14.0580 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 65.0138, -25.8673, 14.0580 Background



This preview shows how black text looks on a background with the HunterLab color 65.0138, -25.8673, 14.0580.



This preview shows how white text looks on a background with the HunterLab color 65.0138,

-25.8673, 14.0580.

# 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

65.0138, -25.8673, 14.0580

### Protanopia

64.7128, -4.9006, 16.7023

### Deuteranopia

64.7381, 4.6501, 12.7669



## Tritanopia

65.0432, -13.1343, -7.2136

# Trichromacy



## Original Color

65.0138, -25.8673, 14.0580

## Protanomaly

64.5298, -13.1829, 15.2891

## Deuteranomaly

64.3356, -7.2791, 12.5339

## Tritanomaly

64.9228, -17.9326, 1.2260

# Monochromacy



## Original Color

65.0138, -25.8673, 14.0580

## Achromatopsia

61.3402, -3.2730, 3.3327

## Achromatomaly

62.5026, -11.8498, 7.1914

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 65.0138, -25.8673, 14.0580 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(128, 187, 148)` looks like.

```
.text, #text, p{  
    color:rgb(128, 187, 148)  
}
```

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(128, 187, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 187, 148) }
```

## Border

The CSS property to change the border of an element to HunterLab 65.0138, -25.8673, 14.0580 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(128, 187, 148) }
```



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

```
.border{ border-color:rgb(128, 187, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 187, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 187, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 187, 148); box-shadow:4px 4px 4px 4px rgb(128, 187, 148) }
```

# Background

The CSS property to change the background color of an element to HunterLab 65.0138, -25.8673, 14.0580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 187, 148) }
```

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

```
.background{ background-color: rgb(128,  
187, 148) }
```

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