

Converting Colors

HunterLab(64.8934, -25.1479,
30.7091)

Have a look what the booklet for
HunterLab(64.8934, -25.1479,
30.7091) contains.

HunterLab(64.8934, -25.1479, 30.7091)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.8934,
-25.1479, 30.7091)**

Conversions

Conversions Part 1

Format	Color
Hex	98B95A
RGB	152, 185, 90
RGB Percent	60%, 73%, 35%
CMY	0.4039, 0.2745, 0.6470
CMYK	0.18, 0.00, 0.51, 0.27
HSL	81°, 40%, 54%
HSV	81°, 51%, 73%
XYZ	32.1433, 42.1115, 16.1071
YIQ	164.3030, 10.8270, -36.5410

Conversions

Conversions Part 2

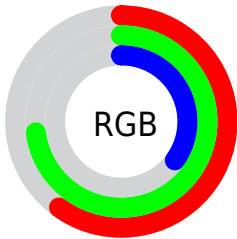
Format	Color
RYB	90, 185, 123
Decimal	10008922
CIELab	70.95, -26.42, 44.14
CIELCh	71, 51.440, 120.908
Yxy	42.1134, 0.3557, 0.4660
Android (android.graphics.Color)	4288199002 (0xFF98B95A)
YUV	164.3030, -36.6314, -10.7897
Hunter-Lab	64.8934, -25.1479, 30.7091

Details

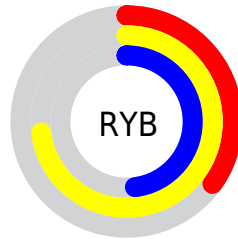
The HunterLab color $64.8934, -25.1479, 30.7091$ is a dark color, and the websafe version is hex $99CC66$. A complement of this color would be $38.7650, 26.9402, -45.8465$, and the grayscale version is $61.1975, -3.2653, 3.3250$.

A 20% lighter version of the original color is $88.4723, -29.0300, 36.8580$, and $43.9337, -20.9653, 24.1143$ is the 20% darker color. If you saturate the color by 10%, you get $64.2130, -28.1955, 33.4916$, and if you desaturate by 10%, it is $65.6550, -21.7290, 27.1367$.

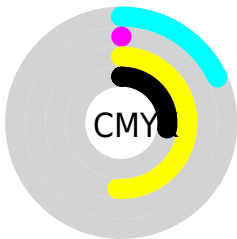
Distribution



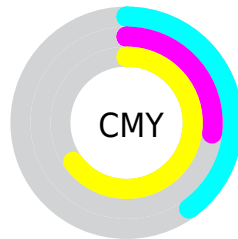
- Red (60%)
- Green (73%)
- Blue (35%)



- Red (35%)
- Yellow (73%)
- Blue (48%)



- Cyan (18%)
- Magenta (0%)
- Yellow (51%)
- Black (27%)



- Cyan (40%)
- Magenta (27%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8934, -25.1479, 30.7091 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 64.8934, -25.1479, 30.7091 by changing the saturation by 10% instead.

■ 64.8934, -25.1479,
30.7091

■ 64.8934, -25.1479,
30.7091

188.4019,
-42.1451, 55.7727

■ 54.0279, -23.0935,
27.4541

■ 88.5275, -29.1027,
36.8174

■ 43.8460, -20.9617,
24.0228

■ 101.2297,
-31.0227, 39.7155

■ 34.3987, -18.7274,
20.3744

■ 114.4872,
-32.9158, 42.5323

■ 25.7486, -16.3498,
16.5389

■ 128.2778,
-34.7878, 45.2808

■ 17.9770, -13.7611,
12.5839

142.5815,
-36.6433, 47.9713

■ 11.1977, -11.5129,
7.8384

157.3805,

■ 3.2414, -5.6724,

-38.4861, 50.6122

2.2690

172.6589,
-40.3192, 53.2107

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8934, -25.1479,
30.7091

■ 64.8934, -25.1479,
30.7091

■ 64.2130, -28.1955,
33.4916

■ 65.6550, -21.7290,
27.1367

■ 63.6069, -30.8713,
35.5140

■ 66.4950, -17.9352,
22.7558

■ 63.0728, -33.1894,
36.8256

■ 67.4161, -13.7747,
17.5616

■ 62.6059, -35.1716,
37.4974

■ 68.4185, -9.2578,
11.5592

■ 62.2458, -36.6720,

■ 69.5020, -4.3985,

37.7136

4.7626

■ 70.6660, 0.7870,
-2.8076

■ 71.9096, 6.2807,
-11.1247

■ 73.2314, 12.0632,
-20.1576

■ 74.5645, 17.7762,
-28.9699

Harmonies

Analogous

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



64.8948, -4.1828, 33.5505



64.8934, -25.1479, 30.7091



64.8948, -38.5201, 21.1971

Triad

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



64.8948, -25.1496, 30.7096



64.8948, -24.0704, -46.5817



64.8948, 48.3685, 4.2120

Complementary

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



64.8934, -25.1479, 30.7091



38.7650, 26.9402, -45.8465

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.



64.8948, 41.0906, -21.1290



64.8934, -25.1479, 30.7091



64.8948, -2.7463, -56.0742

Square

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



64.8948, -25.1496, 30.7096



64.8948, -37.9624, -22.7533



64.8948, 21.5009, -45.4320



64.8948, 40.1915, 22.0094

Rectangle

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



64.8934, -25.1479, 30.7091



64.8948, -42.4385, 9.9845



64.8948, 21.5009, -45.4320



64.8948, 47.6403, -3.6587

Sweetspot

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



64.8948, -25.1496, 30.7096



91.0253, -14.7986, 18.7247



49.8911, 15.6355, 19.5205



42.1332, -7.4582, 9.4744



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



64.8948, -25.1496, 30.7096



85.7909, -38.3616, 45.3387



62.0421, -36.3016, 28.3501



32.1605, -3.8913, 4.8035



51.4028, -30.0972, 31.1472



9.8206, -4.9783, 5.9642

Inverse Universe

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



38.7650, 26.9402, -45.8465



44.2545, 46.4254, -82.0514



43.8973, 40.3412, -34.2414



29.7777, 0.6848, -1.7081



17.8057, 43.8875, -92.3271



3.8336, 8.7583, -14.5240

Previews

White Background



This preview shows how the HunterLab color 64.8934, -25.1479, 30.7091 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 64.8934, -25.1479, 30.7091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

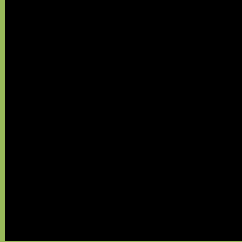
Any Text WCAG AA ✓ Pass

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 64.8934, -25.1479, 30.7091 Background



This preview shows how black text looks on a background with the HunterLab color 64.8934, -25.1479, 30.7091.



This preview shows how white text looks on a background with the HunterLab color 64.8934,

-25.1479, 30.7091.

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

64.8934, -25.1479, 30.7091

Protanopia

64.5255, -7.4964, 31.5393

Deuteranopia

64.6015, 4.8543, 29.9558



Tritanopia

64.7320, -3.7239, -3.7549

Trichromacy



Original Color

64.8934, -25.1479, 30.7091

Protanomaly

64.4046, -14.1135, 31.1380

Deuteranomaly

64.2203, -6.8662, 29.8912

Tritanomaly

64.4836, -12.9576, 12.1944

Monochromacy



Original Color

64.8934, -25.1479, 30.7091

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

62.2774, -12.2078, 15.6297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8934, -25.1479, 30.7091 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(152, 185, 90)` looks like.

```
.text, #text, p{  
    color:rgb(152, 185, 90)  
}
```

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(152, 185, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 185, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8934, -25.1479, 30.7091 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(152, 185, 90) }
```


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

```
.border{ border-color:rgb(152, 185, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 185, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 185, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 185, 90);  
box-shadow:4px 4px 4px 4px rgb(152, 185,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8934, -25.1479, 30.7091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 185, 90) }
```

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

```
.background{ background-color: rgb(152,  
185, 90) }
```

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