

Converting Colors

HunterLab(63.3781, -25.1386,
35.3096)

Have a look what the booklet for
HunterLab(63.3781, -25.1386,
35.3096) contains.

HunterLab(63.3909, -25.0049, 35.3592)	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(63.3909,
-25.0049, 35.3592)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB536
RGB	154, 181, 54
RGB Percent	60%, 71%, 21%
CMY	0.3961, 0.2902, 0.7882
CMYK	0.15, 0.00, 0.70, 0.29
HSL	73°, 54%, 46%
HSV	73°, 70%, 71%
XYZ	30.5161, 40.1841, 9.6379
YIQ	158.4490, 24.6750, -45.2210

Conversions

Conversions Part 2

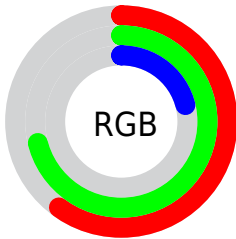
Format	Color
RYB	54, 181, 81
Decimal	10138934
CIELab	69.60, -26.60, 58.45
CIELCh	70, 64.220, 114.465
Yxy	40.1859, 0.3798, 0.5002
Android (android.graphics.Color)	4288329014 (0xFF9AB536)
YUV	158.4490, -51.4934, -3.9018
Hunter-Lab	63.3909, -25.0049, 35.3592

Details

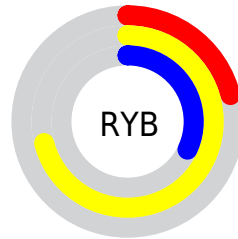
The HunterLab color $63.3909, -25.0049, 35.3592$ is a dark color, and the websafe version is hex $99CC33$. A complement of this color would be $27.7936, 35.2012, -75.5188$, and the grayscale version is $58.8542, -3.1403, 3.1977$.

A 20% lighter version of the original color is $86.8907, -29.0985, 43.3515$, and $42.5335, -20.4442, 25.8510$ is the 20% darker color. If you saturate the color by 10%, you get $62.9878, -26.7789, 36.7802$, and if you desaturate by 10%, it is $63.8533, -22.9352, 33.2352$.

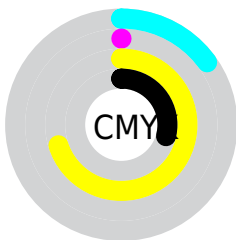
Distribution



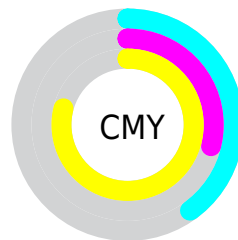
- Red (60%)
- Green (71%)
- Blue (21%)



- Red (21%)
- Yellow (71%)
- Blue (32%)



- Cyan (15%)
- Magenta (0%)
- Yellow (70%)
- Black (29%)



- Cyan (40%)
- Magenta (29%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3909, -25.0049, 35.3592 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 63.3909, -25.0049, 35.3592 by changing the saturation by 10% instead.

63.3909, -25.0049,
35.3592

63.3909, -25.0049,
35.3592

186.2542,
-42.1014, 67.2011

52.6151, -22.9313,
31.1313

86.8599, -28.9907,
43.2518

42.5291, -20.7762,
26.6729

99.4854, -30.9235,
46.9698

33.1853, -18.5131,
22.0024

112.6695,
-32.8280, 50.5646

24.6482, -16.0980,
17.2537

126.3894,
-34.7103, 54.0534

17.0028, -13.4574,
11.9019

140.6251,
-36.5753, 57.4504

10.3685, -11.9288,
7.2580

155.3583,

0.0000, NaN, NaN

-38.4268, 60.7676

0.0000, NaN, NaN

170.5730,
-40.2679, 64.0150

0.0000, NaN, NaN

■ 63.3909, -25.0049,
35.3592

■ 63.3909, -25.0049,
35.3592

■ 62.9878, -26.7789,
36.7802

■ 63.8533, -22.9352,
33.2352

■ 62.6349, -28.2758,
37.5665

■ 64.3746, -20.5481,
30.3565

■ 62.3266, -29.5430,
37.8882

■ 64.9590, -17.8356,
26.6880

■ 65.6088, -14.7928,
22.2069

■ 66.3255, -11.4191,
16.9010

■ 67.1102, -7.7180,
10.7682

■ 67.9635, -3.6958,
3.8143

■ 68.8856, 0.6383,
-3.9473

■ 69.8764, 5.2730,
-12.4972

Harmonies

Analogous

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



63.3923, 2.1222, 36.9186



63.3909, -25.0049, 35.3592



63.3923, -42.9177, 27.3089

Triad

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



63.3923, -25.0067, 35.3596



63.3923, -32.8343, -57.2311



63.3923, 62.7524, -1.9213

Complementary

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



63.3909, -25.0049, 35.3592



27.7936, 35.2012, -75.5188

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.



63.3923, 49.0911, -36.1116



63.3909, -25.0049, 35.3592



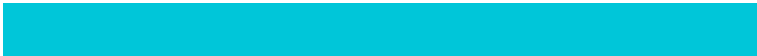
63.3923, -8.7120, -76.0746

Square

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



63.3923, -25.0067, 35.3596



63.3923, -46.8311, -22.8993



63.3923, 21.5878, -66.9747



63.3923, 56.2551, 21.8271

Rectangle

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



63.3909, -25.0049, 35.3592



63.3923, -48.9259, 16.1556



63.3923, 21.5878, -66.9747



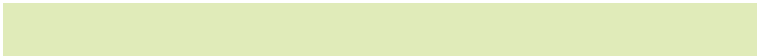
63.3923, 60.3004, -12.5892

Sweetspot

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



63.3923, -25.0067, 35.3596



88.6408, -15.8403, 23.5181



39.6751, 32.0142, 19.7918



41.0858, -7.9466, 11.8624



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



63.3923, -25.0067, 35.3596



84.0372, -36.9294, 49.8706



59.6629, -39.7427, 32.5995



31.3268, -3.4449, 4.7597



51.7774, -24.4130, 31.4776



9.3079, -3.8526, 5.6680

Inverse Universe

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



27.7936, 35.2012, -75.5188



30.0216, 59.7003, -135.0808



34.3601, 48.8157, -53.4109



28.8346, 0.3341, -1.7734



16.1728, 41.9168, -99.7838



3.2765, 7.8196, -15.0030

Previews

White Background



This preview shows how the HunterLab color 63.3909, -25.0049, 35.3592 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 63.3909, -25.0049, 35.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

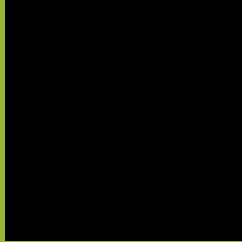
Any Text WCAG AA ✓ Pass

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 63.3909, -25.0049, 35.3592 Background



This preview shows how black text looks on a background with the HunterLab color 63.3909, -25.0049, 35.3592.



This preview shows how white text looks on a background with the HunterLab color 63.3909,

-25.0049, 35.3592.

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

63.3909, -25.0049, 35.3592

Protanopia

63.1946, -8.3187, 35.8562

Deuteranopia

63.1060, 4.7964, 34.8217



Tritanopia

63.2209, -1.7429, -2.5783

Trichromacy



Original Color

63.3909, -25.0049, 35.3592

Protanomaly

63.1404, -14.6952, 35.5989

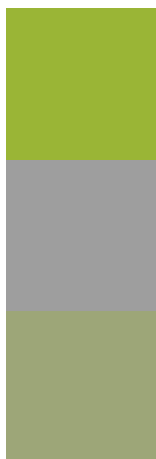
Deuteranomaly

62.7592, -6.7198, 34.7725

Tritanomaly

62.7039, -12.3258, 16.7484

Monochromacy



Original Color

63.3909, -25.0049, 35.3592

Achromatopsia

58.4734, -3.1200, 3.1770

Achromatomaly

59.8303, -12.4221, 19.0408

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3909, -25.0049, 35.3592 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(154, 181, 54)` looks like.

```
.text, #text, p{  
    color:rgb(154, 181, 54)  
}
```

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(154, 181, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 181, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3909, -25.0049, 35.3592 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(154, 181, 54) }
```


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

```
.border{ border-color:rgb(154, 181, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 181, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 181, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 181, 54);  
box-shadow:4px 4px 4px 4px rgb(154, 181,  
54) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3909, -25.0049, 35.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 181, 54) }
```

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

```
.background{ background-color: rgb(154,  
181, 54) }
```

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