

# Converting Colors

HunterLab(61.2169, -25.5118,  
24.2516)

Have a look what the booklet for  
HunterLab(61.2169, -25.5118,  
24.2516) contains.

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# Color

**HunterLab(61.1970,  
-25.5851, 24.3133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85B169
RGB	133, 177, 105
RGB Percent	52%, 69%, 41%
CMY	0.4784, 0.3059, 0.5882
CMYK	0.25, 0.00, 0.41, 0.31
HSL	97°, 32%, 55%
HSV	97°, 41%, 69%
XYZ	27.9448, 37.4507, 19.1204
YIQ	155.6360, -3.1120, -31.7200

# Conversions

## Conversions Part 2

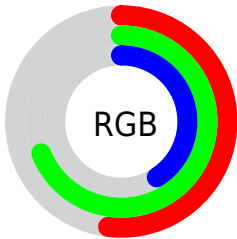
Format	Color
<a href="#">RYB</a>	<a href="#">105, 177, 149</a>
Decimal	<a href="#">8761705</a>
CIELab	<a href="#">67.62, -27.93, 32.16</a>
CIELCh	<a href="#">68, 42.600, 130.971</a>
Yxy	<a href="#">37.4523, 0.3306, 0.4431</a>
Android (android.graphics.Color)	<a href="#">4286951785 (0xFF85B169)</a>
YUV	<a href="#">155.6360, -24.9635, -19.8518</a>
Hunter-Lab	<a href="#">61.1970, -25.5851, 24.3133</a>

# Details

The HunterLab color **61.1970, -25.5851, 24.3133** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **44.3487, 24.5558, -27.8539**, and the grayscale version is **57.6108, -3.0740, 3.1301**.

A 20% lighter version of the original color is **84.4257, -29.9407, 29.0972**, and **40.5588, -21.1812, 19.1521** is the 20% darker color. If you saturate the color by 10%, you get **60.2410, -29.8405, 27.6597**, and if you desaturate by 10%, it is **62.2747, -20.8430, 20.2606**.

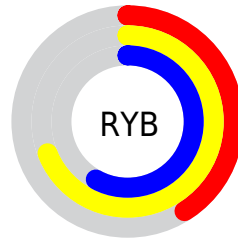
# Distribution



Red (52%)

Green (69%)

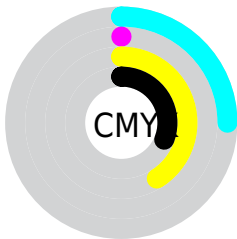
Blue (41%)



Red (41%)

Yellow (69%)

Blue (58%)

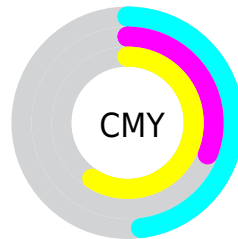


Cyan (25%)

Magenta (0%)

Yellow (41%)

Black (31%)



Cyan (48%)

Magenta (31%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.1970, -25.5851, 24.3133 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 61.1970, -25.5851, 24.3133 by changing the saturation by 10% instead.



■ 61.1970, -25.5851,  
24.3133

■ 61.1970, -25.5851,  
24.3133

183.1024,  
-43.2827, 44.1234

■ 50.5548, -23.4156,  
21.8073

■ 84.4203, -29.7361,  
29.0502

■ 40.6118, -21.1533,  
19.1732

■ 96.9319, -31.7424,  
31.3166

■ 31.4227, -18.7666,  
16.3721

■ 110.0069,  
-33.7157, 33.5324

■ 23.0551, -16.2042,  
13.3492

■ 123.6221,  
-35.6628, 35.7069

■ 15.5996, -13.3783,  
10.9197

137.7567,  
-37.5891, 37.8478

■ 9.1817, -13.7465,  
6.4272

152.3925,

0.0000, NaN, NaN

-39.4989, 39.9610

0.0000, NaN, NaN

167.5127,  
-41.3958, 42.0515

0.0000, NaN, NaN

■ 61.1970, -25.5851,  
24.3133

■ 61.1970, -25.5851,  
24.3133

■ 60.2410, -29.8405,  
27.6597

■ 62.2747, -20.8430,  
20.2606

■ 59.4022, -33.5859,  
30.2977

■ 63.4694, -15.6364,  
15.5130

■ 58.6801, -36.8118,  
32.2432

■ 64.7811, -9.9977,  
10.0944

■ 58.0712, -39.5187,  
33.5307

■ 66.2075, -3.9610,  
4.0358

■ 57.5702, -41.7211,  
34.2188

■ 67.7454, 2.4380,  
-2.6263

■ 57.1881, -43.3810,  
34.4796

■ 69.3917, 9.1632,  
-9.8520

■ 71.1425, 16.1794,  
-17.5997

■ 72.9937, 23.4529,  
-25.8272

■ 74.5305, 28.8885,  
-28.8305

# Harmonies

## Analogous

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



61.1983, -10.1192, 28.7043



61.1970, -25.5851, 24.3133



61.1983, -34.3297, 13.6853

# Triad

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



61.1983, -25.5865, 24.3138



61.1983, -14.8159, -39.8885



61.1983, 37.2319, 9.6289

# Complementary

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



61.1970, -25.5851, 24.3133



44.3487, 24.5558, -27.8539

# 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.



61.1983, 35.5706, -9.2232



61.1970, -25.5851, 24.3133



61.1983, 3.8971, -41.9907

# Square

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



61.1983, -25.5865, 24.3138



61.1983, -28.6599, -24.3695



61.1983, 22.7909, -29.4513



61.1983, 27.0843, 22.1333



# Rectangle

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



61.1970, -25.5851, 24.3133



61.1983, -35.9014, 2.7345



61.1983, 22.7909, -29.4513



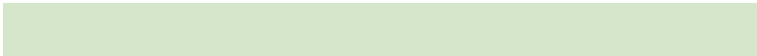
61.1983, 38.0651, 3.9220

# Sweetspot

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



61.1983, -25.5865, 24.3138



86.4146, -14.5670, 14.6724



56.2238, 0.9929, 20.5682



40.1229, -7.2328, 7.2700



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



61.1983, -25.5865, 24.3138



80.7185, -39.4808, 36.6752



59.6855, -31.2236, 20.9449



31.0577, -4.4001, 4.4517



48.7109, -36.7836, 29.3714



8.8364, -5.7162, 5.3449



# Inverse Universe

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



44.3487, 24.5558, -27.8539



53.6923, 41.5897, -48.4488



47.2715, 32.1473, -17.8858



29.1178, 1.2962, -1.3919



21.5720, 47.6039, -68.7048



4.2296, 8.9542, -10.5291



# Previews

## White Background



This preview shows how the HunterLab color 61.1970, -25.5851, 24.3133 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 61.1970, -25.5851, 24.3133 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

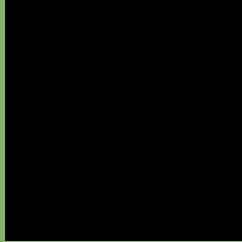
Any Text WCAG AA ✓ Pass

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 61.1970, -25.5851, 24.3133 Background



This preview shows how black text looks on a background with the HunterLab color 61.1970, -25.5851, 24.3133.



This preview shows how white text looks on a background with the HunterLab color 61.1970,

-25.5851, 24.3133.

# 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

61.1970, -25.5851, 24.3133

### Protanopia

60.8726, -6.3399, 25.6553

### Deuteranopia

60.9180, 4.4392, 23.2575



## Tritanopia

61.1238, -7.6175, -4.8737

# Trichromacy



## Original Color

61.1970, -25.5851, 24.3133

## Protanomaly

60.8413, -14.0951, 24.9935

## Deuteranomaly

60.5246, -7.3029, 23.2692

## Tritanomaly

60.9003, -14.8428, 7.9265

# Monochromacy



## Original Color

61.1970, -25.5851, 24.3133

## Achromatopsia

57.6586, -3.0765, 3.1327

## Achromatomaly

58.8668, -12.0379, 12.2256

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.1970, -25.5851, 24.3133 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(133, 177, 105)` looks like.

```
.text, #text, p{  
    color:rgb(133, 177, 105)  
}
```

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(133, 177, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 177, 105) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.1970, -25.5851, 24.3133 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(133, 177, 105) }
```



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

```
.border{ border-color:rgb(133, 177, 105) }
```

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

Here you see how a box with a 4 pixel rgb(133, 177, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 177, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 177, 105);  
box-shadow:4px 4px 4px 4px rgb(133, 177,  
105) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.1970, -25.5851, 24.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 177, 105) }
```

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

```
.background{ background-color: rgb(133,  
177, 105) }
```

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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