

# Converting Colors

HunterLab(51.6285, -24.9943,  
31.3757)

Have a look what the booklet for  
HunterLab(51.6285, -24.9943,  
31.3757) contains.

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# Color

**HunterLab(51.6082,  
-25.0737, 31.3617)**

# Conversions

## Conversions Part 1

Format	Color
Hex	769900
RGB	118, 153, 0
RGB Percent	46%, 60%, 0%
CMY	0.5373, 0.4000, 0.9999
CMYK	0.23, 0.00, 1.00, 0.40
HSL	74°, 100%, 30%
HSV	74°, 100%, 60%
XYZ	18.8625, 26.6341, 4.1468
YIQ	125.0930, 28.2530, -55.0030

# Conversions

## Conversions Part 2

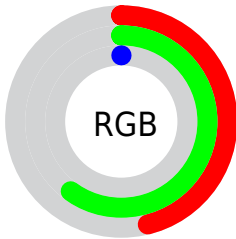
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 35
Decimal	7772416
CIELab	58.64, -30.05, 61.39
CIElCh	59, 68.351, 116.085
Yxy	26.6353, 0.3800, 0.5365
Android (android.graphics.Color)	4285962496 (0xFF769900)
YUV	125.0930, -61.6708, -6.2206
Hunter-Lab	51.6082, -25.0737, 31.3617

# Details

The HunterLab color  $51.6082, -25.0737, 31.3617$  is a dark color, and the websafe version is hex  $669900$ . A complement of this color would be  $16.3034, 42.0222, -98.8221$ , and the grayscale version is  $45.5491, -2.4304, 2.4748$ .

A 20% lighter version of the original color is  $73.5386, -29.4022, 39.9932$ , and  $32.5465, -19.3015, 19.7171$  is the 20% darker color. If you saturate the color by 10%, you get  $51.6091, -25.0762, 31.3623$ , and if you desaturate by 10%, it is  $51.8848, -23.9330, 31.0222$ .

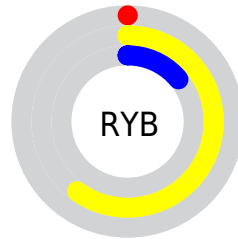
# Distribution



Red (46%)

Green (60%)

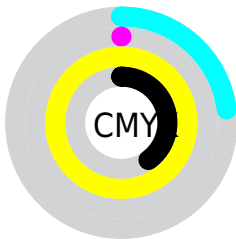
Blue (0%)



Red (0%)

Yellow (60%)

Blue (14%)

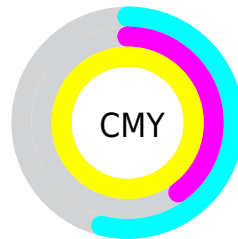


Cyan (23%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (54%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6082, -25.0737, 31.3617 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 51.6082, -25.0737, 31.3617 by changing the saturation by 10% instead.



■ 51.6082, -25.0737,  
31.3617

■ 51.6082, -25.0737,  
31.3617

169.0819,  
-43.9558, 65.8113

■ 41.5926, -22.6832,  
26.6822

■ 73.6872, -29.5825,  
40.0362

■ 32.3237, -20.1568,  
21.9568

■ 85.6702, -31.7386,  
44.0893

■ 23.8687, -17.4421,  
16.7081

■ 98.2404, -33.8476,  
47.9881

■ 16.3151, -14.4488,  
11.4206

■ 111.3715,  
-35.9191, 51.7542

■ 9.7869, -13.9362,  
6.8509

■ 125.0406,  
-37.9603, 55.4056

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.2272,

-39.9772, 58.9575

0.0000, NaN, NaN

153.9131,  
-41.9744, 62.4225

0.0000, NaN, NaN

51.6082, -25.0737,  
31.3617

51.6082, -25.0737,  
31.3617

51.6091, -25.0762,  
31.3623

51.8848, -23.9330,  
31.0222

52.1926, -22.6228,  
30.3222

52.5438, -21.0830,  
29.1013

52.9421, -19.2957,  
27.3064

53.3905, -17.2490,  
24.8990

■ 53.8911, -14.9358,  
21.8524

■ 54.4456, -12.3533,  
18.1500

■ 55.0552, -9.5018,  
13.7832

■ 55.7206, -6.3848,  
8.7515

# Harmonies

## Analogous

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



51.6094, 1.1098, 32.6657



51.6082, -25.0737, 31.3617



51.6094, -41.3852, 24.5200

# Triad

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



51.6094, -25.0751, 31.3620



51.6094, -30.3510, -63.5226



51.6094, 65.5597, -0.9489

# Complementary

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



51.6082, -25.0737, 31.3617



16.3034, 42.0222, -98.8221

# 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.



51.6094, 52.2043, -36.4602



51.6082, -25.0737, 31.3617



51.6094, -6.5123, -83.1838

# Square

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



51.6094, -25.0751, 31.3620



51.6094, -43.9254, -26.4112



51.6094, 24.1471, -71.2389



51.6094, 57.5427, 21.1256



# Rectangle

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



51.6082, -25.0737, 31.3617



51.6094, -46.5248, 14.0154



51.6094, 24.1471, -71.2389



51.6094, 63.3557, -11.6587

# Sweetspot

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



51.6094, -25.0751, 31.3620



72.8126, -16.7497, 24.6120



28.0526, 37.9931, 17.9501



34.0774, -8.5121, 12.5012



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



51.6094, -25.0751, 31.3620



69.0009, -33.8019, 41.9263



48.2754, -38.6199, 29.0705



26.7426, -2.9419, 3.9986



46.9335, -22.7324, 28.5222



5.8732, -2.2598, 3.5795



# Inverse Universe

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



16.3034, 42.0222, -98.8221



21.6527, 56.1028, -133.4633



23.6504, 50.2233, -60.1032



24.6802, 0.2784, -1.4330



14.8639, 38.2427, -89.5250



2.1735, 5.0296, -8.7302



# Previews

## White Background



This preview shows how the HunterLab color 51.6082, -25.0737, 31.3617 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6082, -25.0737, 31.3617 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

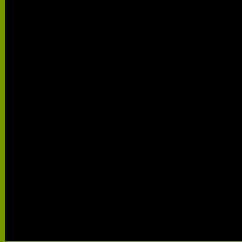
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 51.6082, -25.0737, 31.3617 Background



This preview shows how black text looks on a background with the HunterLab color 51.6082, -25.0737, 31.3617.



This preview shows how white text looks on a background with the HunterLab color 51.6082,

-25.0737, 31.3617.

# 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

51.6082, -25.0737, 31.3617

### Protanopia

51.4011, -7.2221, 31.5467

### Deuteranopia

51.1918, 3.6139, 30.3350



## Tritanopia

51.4824, -3.8794, -3.5529

# Trichromacy



## Original Color

51.6082, -25.0737, 31.3617

## Protanomaly

51.1665, -14.0931, 31.2818

## Deuteranomaly

50.8604, -7.5912, 30.5399

## Tritanomaly

50.8677, -15.0197, 17.6130

# Monochromacy



## Original Color

51.6082, -25.0737, 31.3617

## Achromatopsia

45.2856, -2.4163, 2.4605

## Achromatomaly

46.9518, -13.2092, 19.1164

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.6082, -25.0737, 31.3617 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(118, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(118, 153, 0)  
}
```

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(118, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 153, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.6082, -25.0737, 31.3617 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(118, 153, 0) }
```



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

```
.border{ border-color:rgb(118, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(118, 153,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.6082, -25.0737, 31.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 153, 0) }
```

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

```
.background{ background-color: rgb(118,  
153, 0) }
```

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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