

# Converting Colors

HunterLab(61.6331, -33.6667,  
25.1260)

Have a look what the booklet for  
HunterLab(61.6331, -33.6667,  
25.1260) contains.

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# Color

**HunterLab(61.7231,  
-33.7262, 25.1169)**

# Conversions

Conversions Part 1	
Format	Color
Hex	6DB767
RGB	109, 183, 103
RGB Percent	43%, 72%, 40%
CMY	0.5725, 0.2823, 0.5961
CMYK	0.40, 0.00, 0.44, 0.28
HSL	116°, 36%, 56%
HSV	116°, 44%, 72%
XYZ	25.6883, 38.0974, 18.8316
YIQ	151.7540, -18.4240, -40.5680

# Conversions

## Conversions Part 2

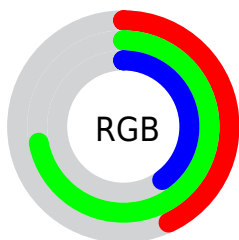
Format	Color
<a href="#">RYB</a>	<a href="#">103, 183, 177</a>
Decimal	<a href="#">7190375</a>
CIELab	<a href="#">68.09, -39.20, 33.56</a>
CIELCh	<a href="#">68, 51.598, 139.432</a>
Yxy	<a href="#">38.0990, 0.3109, 0.4611</a>
Android (android.graphics.Color)	<a href="#">4285380455</a> <a href="#">(0xFF6DB767)</a>
YUV	<a href="#">151.7540, -24.0357, -37.4953</a>
Hunter-Lab	<a href="#">61.7231, -33.7262, 25.1169</a>

# Details

The HunterLab color **61.7231, -33.7262, 25.1169** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **47.4002, 35.7888, -26.2054**, and the grayscale version is **56.0357, -2.9899, 3.0445**.

A 20% lighter version of the original color is **84.8481, -38.8937, 29.9328**, and **40.9623, -27.7079, 19.7041** is the 20% darker color. If you saturate the color by 10%, you get **60.6619, -38.5301, 28.3656**, and if you desaturate by 10%, it is **62.9973, -28.0816, 21.2106**.

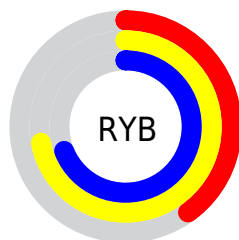
# Distribution



Red (43%)

Green (72%)

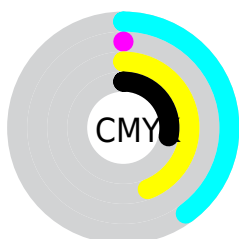
Blue (40%)



Red (40%)

Yellow (72%)

Blue (69%)

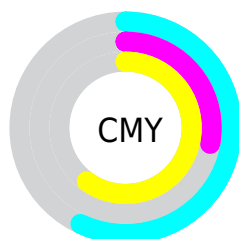


Cyan (40%)

Magenta (0%)

Yellow (44%)

Black (28%)



Cyan (57%)

Magenta (28%)


Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.7231, -33.7262, 25.1169 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 61.7231, -33.7262, 25.1169 by changing the saturation by 10% instead.





 61.7231, -33.7262,  
25.1169


 61.7231, -33.7262,  
25.1169


183.8599,  
-56.1909, 45.5314

 51.0486, -30.8610,  
22.5241


 85.0058, -39.1307,  
30.0120


 41.0709, -27.8429,  
19.7972


 97.5449, -41.7099,  
32.3510

 31.8443, -24.6236,  
16.8968


 110.6463,  
-44.2272, 34.6359

 23.4356, -21.1266,  
13.7678

 124.2867,  
-46.6931, 36.8765

 15.9339, -17.2254,  
11.1537

138.4458,  
-49.1162, 39.0805

 9.4659, -16.5654,  
6.6262

153.1051,


0.0000, NaN, NaN


-51.5033, 41.2543


0.0000, NaN, NaN


168.2481,  
-53.8600, 43.4032


0.0000, NaN, NaN


 61.7231, -33.7262,  
25.1169


 61.7231, -33.7262,  
25.1169


 60.6619, -38.5301,  
28.3656


 62.9973, -28.0816,  
21.2106


 59.8065, -42.4548,  
30.9378


 64.4803, -21.6488,  
16.6805

 59.1513, -45.4927,  
32.8385


 66.1704, -14.4993,  
11.5749


 58.6844, -47.6673,  
34.0990


 68.0622, -6.7116,  
5.9495

 58.3887, -49.0392,  
34.7832


 70.1486, 1.6325,  
-0.1360

 58.2749, -49.5687,  
35.0409

 72.4211, 10.4528,  
-6.6218

 74.8705, 19.6738,  
-13.4509

 77.4873, 29.2266,  
-20.5702

 78.9610, 34.1313,  
-21.7858

# Harmonies

## Analogous

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



61.7244, -17.4816, 31.5205



61.7231, -33.7262, 25.1169



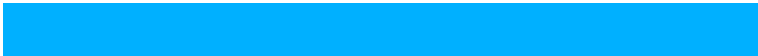
61.7244, -41.3941, 10.6637

# Triad

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



61.7244, -33.7273, 25.1174



61.7244, -11.2862, -54.7965



61.7244, 44.7912, 15.9036

# Complementary

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



61.7231, -33.7262, 25.1169



47.4002, 35.7888, -26.2054

# 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.



61.7244, 47.1043, -4.9625



61.7231, -33.7262, 25.1169



61.7244, 12.2973, -51.7283

# Square

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



61.7244, -33.7273, 25.1174



61.7244, -29.7713, -38.4798



61.7244, 34.4807, -31.2041



61.7244, 28.5628, 27.7271



# Rectangle

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



61.7231, -33.7262, 25.1169



61.7244, -41.5079, -4.0265



61.7244, 34.4807, -31.2041



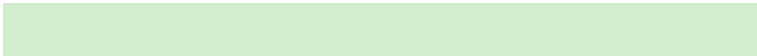
61.7244, 47.3043, 9.9329

# Sweetspot

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



61.7244, -33.7273, 25.1174



88.6729, -18.9010, 15.1289



64.9846, -10.5282, 28.1508



41.4263, -9.9159, 7.8517



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.



61.7244, -33.7273, 25.1174



81.2915, -51.0578, 37.6231



62.0800, -31.0183, 15.3449



31.7670, -5.2958, 4.3512



48.6846, -41.3472, 29.2754



9.2003, -7.5102, 5.5377



# Inverse Universe

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



47.4002, 35.7888, -26.2054



58.8203, 58.7239, -43.6035



46.8616, 31.7250, -6.8993



30.2119, 2.1513, -1.1266



28.8171, 57.6266, -45.5360



5.5045, 10.9540, -8.2835



# Previews

## White Background



This preview shows how the HunterLab color 61.7231, -33.7262, 25.1169 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 61.7231, -33.7262, 25.1169 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

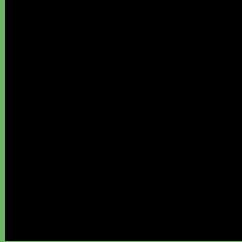
Any Text WCAG AA ✓ Pass

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 61.7231, -33.7262, 25.1169 Background



This preview shows how black text looks on a background with the HunterLab color 61.7231, -33.7262, 25.1169.



This preview shows how white text looks on a background with the HunterLab color 61.7231, -33.7262, 25.1169.

-33.7262, 25.1169.

# 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

61.7231, -33.7262, 25.1169

### Protanopia

61.3013, -6.4620, 26.9572

### Deuteranopia




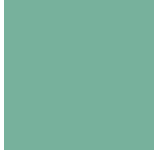
61.2892, 4.2195, 23.8439




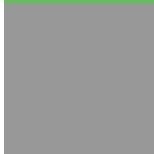

## Tritanopia

61.5101, -13.7044, -7.6545

# Trichromacy

	<b>Original Color</b> 61.7231, -33.7262, 25.1169
	<b>Protanomaly</b> 61.1347, -17.8673, 25.9099
	<b>Deuteranomaly</b> 60.6679, -11.4331, 23.5891
	<b>Tritanomaly</b> 61.4545, -22.3519, 7.1319

# Monochromacy

	<b>Original Color</b> 61.7231, -33.7262, 25.1169
	<b>Achromatopsia</b> 56.0347, -2.9899, 3.0445
	<b>Achromatomaly</b> 57.5759, -15.3346, 11.9838

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.7231, -33.7262, 25.1169 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(109, 183, 103)` looks like.

```
.text, #text, p{  
    color:rgb(109, 183, 103)  
}
```

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(109, 183, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 183, 103) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.7231, -33.7262, 25.1169 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(109, 183, 103) }
```



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

```
.border{ border-color:rgb(109, 183, 103) }
```

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

Here you see how a box with a 4 pixel rgb(109, 183, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 183, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 183, 103);  
box-shadow:4px 4px 4px 4px rgb(109, 183,  
103) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.7231, -33.7262, 25.1169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 183, 103) }
```

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

```
.background{ background-color: rgb(109,  
183, 103) }
```

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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