

Converting Colors

HunterLab(62.4071, -50.2063,
37.5760)

Have a look what the booklet for
HunterLab(62.4071, -50.2063,
37.5760) contains.

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Color

**HunterLab(62.4117,
-50.1734, 37.5794)**

Conversions

Conversions Part 1

Format	Color
Hex	37C100
RGB	55, 193, 0
RGB Percent	22%, 76%, 0%
CMY	0.7843, 0.2431, 0.9999
CMYK	0.72, 0.00, 1.00, 0.24
HSL	103°, 100%, 38%
HSV	103°, 100%, 76%
XYZ	20.6455, 38.9522, 6.4304
YIQ	129.7360, -20.2950, -89.2790

Conversions

Conversions Part 2

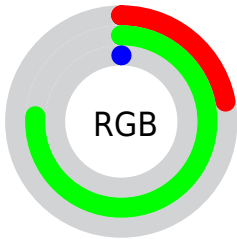
Format	Color
RYB	0, 193, 138
Decimal	3653888
CIELab	68.72, -64.60, 68.18
CIELCh	69, 93.919, 133.456
Yxy	38.9538, 0.3127, 0.5899
Android (android.graphics.Color)	4281843968 (0xFF37C100)
YUV	129.7360, -63.9598, -65.5435
Hunter-Lab	62.4117, -50.1734, 37.5794

Details

The HunterLab color **62.4117, -50.1734, 37.5794** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **30.4243, 64.7539, -78.4428**, and the grayscale version is **47.3945, -2.5289, 2.5750**.

A 20% lighter version of the original color is **85.8894, -58.7035, 46.7906**, and **42.6344, -36.5590, 25.6311** is the 20% darker color. If you saturate the color by 10%, you get **62.4126, -50.1761, 37.5799**, and if you desaturate by 10%, it is **62.8074, -48.4363, 37.2583**.

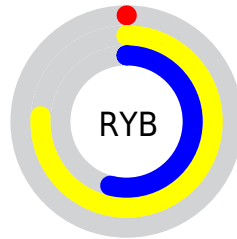
Distribution



Red (22%)

Green (76%)

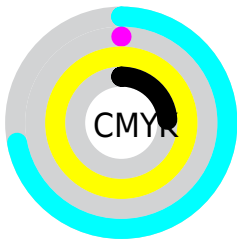
Blue (0%)



Red (0%)

Yellow (76%)

Blue (54%)

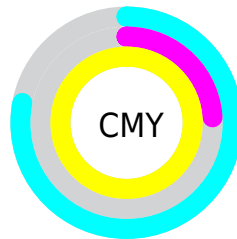


Cyan (72%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (78%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.4117, -50.1734, 37.5794 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 62.4117, -50.1734, 37.5794 by changing the saturation by 10% instead.

■ 62.4117, -50.1734,
37.5794

■ 62.4117, -50.1734,
37.5794

184.8497,
-83.8506, 74.1306

■ 51.6951, -45.6583,
32.7044

■ 85.7717, -58.5440,
46.6902

■ 41.6724, -40.8464,
27.5870

■ 98.3466, -62.4749,
50.9761

■ 32.3971, -35.6528,
22.6780

■ 111.4823,
-66.2729, 55.1127

■ 23.9350, -29.9518,
16.7545

■ 125.1557,
-69.9581, 59.1189

■ 16.3735, -24.3736,
11.4615

■ 139.3465,
-73.5466, 63.0109

■ 9.8362, -17.2134,
6.8854

■ 154.0364,

0.0000, NaN, NaN

-77.0513, 66.8027

0.0000, NaN, NaN

169.2092,
-80.4830, 70.5059

0.0000, NaN, NaN

■ 62.4117, -50.1734,
37.5794

■ 62.4117, -50.1734,
37.5794

■ 62.4126, -50.1761,
37.5799

■ 62.8074, -48.4363,
37.2583

■ 63.3298, -46.1035,
36.4499

■ 63.9962, -43.1016,
34.9805

■ 64.8143, -39.4119,
32.7876

■ 65.7887, -35.0361,
29.8378

■ 66.9221, -29.9922,
26.1208

■ 68.2148, -24.3113,
21.6452

■ 69.6655, -18.0346,
16.4349

■ 71.2717, -11.2096,
10.5253

Harmonies

Analogous

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



62.4130, -21.2308, 41.5702



62.4117, -50.1734, 37.5794



62.4130, -63.9316, 21.7239

Triad

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



62.4130, -50.1744, 37.5796



62.4130, -24.9363, -126.4660



62.4130, 97.6606, 18.9122

Complementary

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



62.4117, -50.1734, 37.5794



30.4243, 64.7539, -78.4428

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.



62.4130, 95.8849, -23.0335



62.4117, -50.1734, 37.5794



62.4130, 16.8396, -129.3138

Square

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



62.4130, -50.1744, 37.5796



62.4130, -52.2584, -77.1869



62.4130, 63.3894, -83.4522



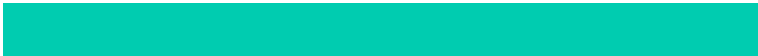
62.4130, 67.7373, 36.6983

Rectangle

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



62.4117, -50.1734, 37.5794



62.4130, -65.7427, -1.4721



62.4130, 63.3894, -83.4522



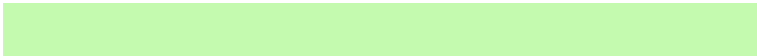
62.4130, 100.9510, 7.9035

Sweetspot

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



62.4130, -50.1744, 37.5796



91.2008, -32.9195, 29.2781



53.5690, 8.4598, 33.1564



41.8917, -16.7828, 14.7870



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



62.4130, -50.1744, 37.5796



83.4602, -67.4195, 50.2475



61.8754, -52.2270, 35.4054



33.7560, -5.0939, 4.7946



50.9343, -40.7726, 30.6717



10.7564, -7.7675, 6.4921

Inverse Universe

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



30.4243, 64.7539, -78.4428



40.5521, 86.4511, -105.6117



36.9934, 69.6924, -25.2684



31.7785, 1.7297, -1.4424



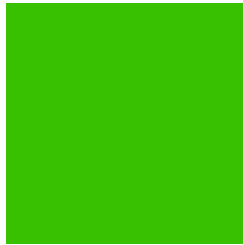
24.8954, 52.9203, -63.6504



5.4887, 11.4154, -12.0801

Previews

White Background



This preview shows how the HunterLab color 62.4117, -50.1734, 37.5794 looks on a white background.

Color Contrast Check

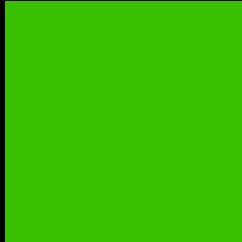
Large Text (above 18pt) WCAG AA × Fail

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 62.4117, -50.1734, 37.5794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

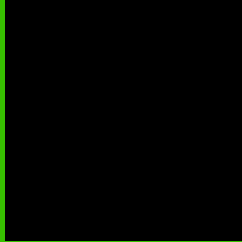
Any Text WCAG AA ✓ Pass

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 62.4117, -50.1734, 37.5794 Background



This preview shows how black text looks on a background with the HunterLab color 62.4117, -50.1734, 37.5794.



This preview shows how white text looks on a background with the HunterLab color 62.4117, -50.1734, 37.5794.

-50.1734, 37.5794.

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

62.4117, -50.1734, 37.5794

Protanopia

61.9103, -8.7058, 37.9964

Deuteranopia

61.7812, 4.3364, 36.1319



Tritanopia

62.1033, -20.7948, -10.8232

Trichromacy



Original Color

62.4117, -50.1734, 37.5794



Protanomaly

60.5195, -28.2187, 36.7978



Deuteranomaly

59.9773, -21.9672, 35.6070



Tritanomaly

61.1690, -36.9406, 18.8821

Monochromacy



Original Color

62.4117, -50.1734, 37.5794



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

51.2743, -25.1661, 21.6915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.4117, -50.1734, 37.5794 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(55, 193, 0)` looks like.

```
.text, #text, p{  
    color:rgb(55, 193, 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(55, 193, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 193, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 62.4117, -50.1734, 37.5794 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(55, 193, 0) }
```


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

```
.border{ border-color:rgb(55, 193, 0) }
```

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

Here you see how a box with a 4 pixel rgb(55, 193, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 193, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 193, 0);  
box-shadow:4px 4px 4px 4px rgb(55, 193, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 62.4117, -50.1734, 37.5794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 193, 0) }
```

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

```
.background{ background-color: rgb(55, 193,  
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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