

Converting Colors

HunterLab(61.9490, -49.7662,
30.9935)

Have a look what the booklet for
HunterLab(61.9490, -49.7662,
30.9935) contains.

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Color

**HunterLab(61.9011,
-49.6930, 30.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	10C04B
RGB	16, 192, 75
RGB Percent	6%, 75%, 29%
CMY	0.9372, 0.2470, 0.7059
CMYK	0.92, 0.00, 0.61, 0.25
HSL	140°, 85%, 41%
HSV	140°, 92%, 75%
XYZ	20.3334, 38.3175, 12.9809
YIQ	126.0380, -67.3390, -73.6990

Conversions

Conversions Part 2

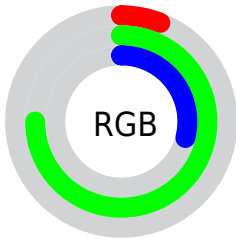
Format	Color
RYB	16, 148, 192
Decimal	1097803
CIELab	68.26, -64.13, 46.83
CIELCh	68, 79.406, 143.859
Yxy	38.3190, 0.2839, 0.5349
Android (android.graphics.Color)	4279287883 (0xFF10C04B)
YUV	126.0380, -25.1617, -96.5033
Hunter-Lab	61.9011, -49.6930, 30.8974

Details

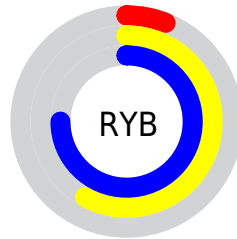
The HunterLab color **61.9011, -49.6930, 30.8974** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **36.4298, 64.4204, -12.5428**, and the grayscale version is **45.8076, -2.4442, 2.4888**.

A 20% lighter version of the original color is **85.2809, -58.2011, 37.5714**, and **42.3578, -35.8961, 24.5459** is the 20% darker color. If you saturate the color by 10%, you get **61.7050, -50.7464, 32.4211**, and if you desaturate by 10%, it is **62.2595, -47.8795, 28.7817**.

Distribution



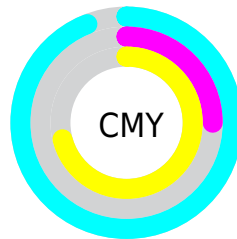
- Red (6%)
- Green (75%)
- Blue (29%)



- Red (6%)
- Yellow (58%)
- Blue (75%)



- Cyan (92%)
- Magenta (0%)
- Yellow (61%)
- Black (25%)



- Cyan (94%)
- Magenta (25%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.9011, -49.6930, 30.8974 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 61.9011, -49.6930, 30.8974 by changing the saturation by 10% instead.

61.9011, -49.6930,
30.8974

61.9011, -49.6930,
30.8974

184.1159,
-83.2037, 57.3899

51.2156, -45.1974,
27.4169

85.2038, -58.0241,
37.4017

41.2263, -40.4045,
23.7384

97.7522, -61.9357,
40.4759

31.9870, -35.2287,
19.8195

110.8624,
-65.7148, 43.4571

23.5645, -29.5426,
16.1636

124.5114,
-69.3815, 46.3597

16.0473, -24.1290,
11.2331

138.6787,
-72.9518, 49.1955

9.5613, -16.7323,
6.6929

153.3459,

0.0000, NaN, NaN

-76.4388, 51.9740

0.0000, NaN, NaN

168.4967,
-79.8531, 54.7032

0.0000, NaN, NaN

■ 61.9011, -49.6930,
30.8974

■ 61.9011, -49.6930,
30.8974

■ 61.7050, -50.7464,
32.4211

■ 62.2595, -47.8795,
28.7817

■ 62.7907, -45.2968,
26.3862

■ 63.5138, -41.8961,
23.7380

■ 64.4405, -37.6629,
20.8690

■ 65.5781, -32.6115,
17.8152

■ 66.9299, -26.7801,
14.6148

■ 68.4957, -20.2246,
11.3068

■ 70.2725, -13.0134,
7.9284

■ 72.2548, -5.2214,
4.5141

Harmonies

Analogous

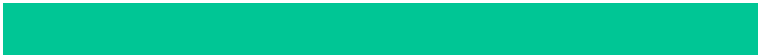
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



61.9024, -28.7794, 38.3335



61.9011, -49.6930, 30.8974



61.9024, -57.9888, 9.9777

Triad

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



61.9024, -49.6937, 30.8977



61.9024, -10.5044, -103.6124



61.9024, 73.1330, 24.4478

Complementary

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



61.9011, -49.6930, 30.8974



36.4298, 64.4204, -12.5428

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.



61.9024, 81.1561, -4.0585



61.9011, -49.6930, 30.8974



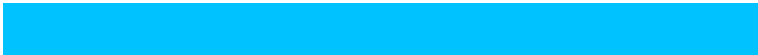
61.9024, 27.0956, -91.5147

Square

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



61.9024, -49.6937, 30.8977



61.9024, -38.9210, -76.3509



61.9024, 62.7275, -49.0779



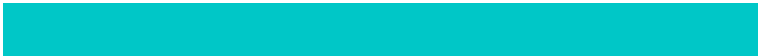
61.9024, 42.7867, 36.3673

Rectangle

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



61.9011, -49.6930, 30.8974



61.9024, -56.9961, -14.4728



61.9024, 62.7275, -49.0779



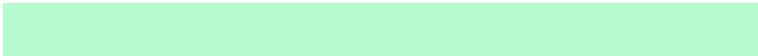
61.9024, 78.7796, 17.1012

Sweetspot

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



61.9024, -49.6937, 30.8977



90.9484, -32.4278, 17.8030



65.3852, -36.1552, 39.2124



41.8009, -16.3888, 8.9507



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.



61.9024, -49.6937, 30.8977



83.0335, -68.4645, 44.0107



63.5952, -39.3094, 6.3384



33.6352, -5.3645, 3.4004



50.6286, -41.5457, 26.4039



10.5853, -8.2532, 4.5855

Inverse Universe

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



36.4298, 64.4204, -12.5428



48.0244, 87.9858, -13.4831



34.3071, 56.5344, 17.7798



31.9190, 2.0168, 0.1851



29.3224, 53.8211, -9.0024



6.1959, 11.5478, -3.2618

Previews

White Background



This preview shows how the HunterLab color 61.9011, -49.6930, 30.8974 looks on a white background.

Color Contrast Check

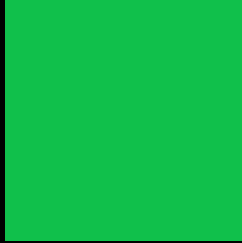
Large Text (above 18pt) WCAG AA × Fail

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 61.9011, -49.6930, 30.8974 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 61.9011, -49.6930, 30.8974 Background



This preview shows how black text looks on a background with the HunterLab color 61.9011, -49.6930, 30.8974.



This preview shows how white text looks on a background with the HunterLab color 61.9011, -49.6930, 30.8974.

-49.6930, 30.8974.

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

61.9011, -49.6930, 30.8974

Protanopia

61.2420, -7.3888, 32.4668

Deuteranopia

61.2097, 4.6472, 29.4737



Tritanopia

61.8080, -23.5076, -11.8521

Trichromacy



Original Color

61.9011, -49.6930, 30.8974



Protanomaly

59.4248, -30.0885, 30.3093



Deuteranomaly

58.7320, -24.2119, 27.9079



Tritanomaly

61.0963, -35.9175, 8.6059

Monochromacy



Original Color

61.9011, -49.6930, 30.8974



Achromatopsia

45.6768, -2.4372, 2.4817



Achromatomaly

49.8524, -24.9473, 13.7389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 61.9011, -49.6930, 30.8974 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(16, 192, 75)` looks like.

```
.text, #text, p{  
    color:rgb(16, 192, 75)  
}
```

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(16, 192, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 192, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 61.9011, -49.6930, 30.8974 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(16, 192, 75) }
```


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

```
.border{ border-color:rgb(16, 192, 75) }
```

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

Here you see how a box with a 4 pixel rgb(16, 192, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 192, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 192, 75);  
box-shadow:4px 4px 4px 4px rgb(16, 192,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 61.9011, -49.6930, 30.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 192, 75) }
```

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

```
.background{ background-color: rgb(16, 192,  
75) }
```

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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