

Converting Colors

HunterLab(66.6890, -49.2874,
31.6309)

Have a look what the booklet for
HunterLab(66.6890, -49.2874,
31.6309) contains.

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Color

**HunterLab(66.6890,
-49.2874, 31.6309)**

Conversions

Conversions Part 1

Format	Color
Hex	3ECB5A
RGB	62, 203, 90
RGB Percent	24%, 80%, 35%
CMY	0.7569, 0.2039, 0.6470
CMYK	0.69, 0.00, 0.56, 0.20
HSL	132°, 58%, 52%
HSV	132°, 69%, 80%
XYZ	25.1880, 44.4742, 16.9297
YIQ	147.9590, -47.7630, -65.0350

Conversions

Conversions Part 2

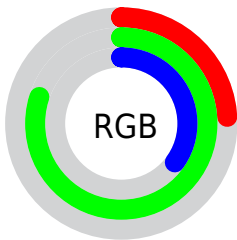
Format	Color
RYB	62, 180, 203
Decimal	4115290
CIELab	72.55, -60.50, 45.12
CIElCh	73, 75.468, 143.285
Yxy	44.4761, 0.2909, 0.5136
Android (android.graphics.Color)	4282305370 (0xFF3ECB5A)
YUV	147.9590, -28.5738, -75.3860
Hunter-Lab	66.6890, -49.2874, 31.6309

Details

The HunterLab color $66.6890, -49.2874, 31.6309$ is a dark color, and the websafe version is hex $33CC66$. The color can be described as dark muted green. A complement of this color would be $43.8607, 61.9812, -26.7140$, and the grayscale version is $54.5286, -2.9095, 2.9626$.

A 20% lighter version of the original color is $88.3262, -54.5954, 36.0266$, and $45.8338, -38.2125, 25.2015$ is the 20% darker color. If you saturate the color by 10%, you get $66.0987, -52.1392, 34.0477$, and if you desaturate by 10%, it is $67.5036, -45.4698, 28.7576$.

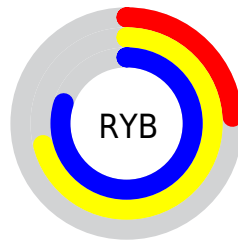
Distribution



Red (24%)

Green (80%)

Blue (35%)



Red (24%)

Yellow (71%)

Blue (80%)

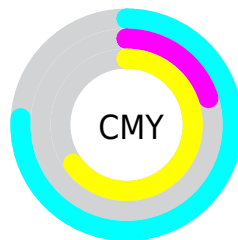


Cyan (69%)

Magenta (0%)

Yellow (56%)

Black (20%)



Cyan (76%)

Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6890, -49.2874, 31.6309 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 66.6890, -49.2874, 31.6309 by changing the saturation by 10% instead.

■ 66.6890, -49.2874,
31.6309

■ 66.6890, -49.2874,
31.6309

190.9574,
-80.7530, 57.0407

■ 55.7180, -45.1351,
28.3363

■ 90.5172, -57.0353,
37.8194

■ 45.4236, -40.7339,
24.8671

■ 103.3097,
-60.6931, 40.7573

■ 35.8553, -36.0150,
21.1835

■ 116.6537,
-64.2377, 43.6136

■ 27.0731, -30.8768,
17.2675

■ 130.5275,
-67.6859, 46.4009

■ 19.1547, -25.1652,
13.4083

■ 144.9114,
-71.0514, 49.1294

■ 12.2073, -21.3628,
8.5451

159.7880,

■ 5.3086, -9.2900,

-74.3452, 51.8077

3.7160

175.1415,
-77.5765, 54.4429

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6890, -49.2874,
31.6309

■ 66.6890, -49.2874,
31.6309

■ 66.0987, -52.1392,
34.0477

■ 67.5036, -45.4698,
28.7576

■ 65.7096, -54.0749,
35.9954

■ 68.5509, -40.6720,
25.4514

■ 65.4845, -55.2448,
37.4684


■ 69.8398, -34.9180,
21.7490


■ 65.4744, -55.2973,
37.5336

■ 71.3727, -28.2586,
17.6954


■ 73.1484, -20.7655,

13.3405

 75.1625, -12.5240,
8.7365

 77.4079, -3.6260,
3.9343

 79.8756, 5.8357,
-1.0183

 82.5553, 15.7720,
-6.0784

Harmonies

Analogous

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



66.6904, -28.0750, 39.6782



66.6890, -49.2874, 31.6309



66.6904, -57.9871, 10.6723

Triad

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



66.6904, -49.2883, 31.6313



66.6904, -11.2297, -96.0060



66.6904, 69.9655, 24.2591

Complementary

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



66.6890, -49.2874, 31.6309



43.8607, 61.9812, -26.7140

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.



66.6904, 77.0437, -4.2750



66.6890, -49.2874, 31.6309



66.6904, 25.0990, -85.6785

Square

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



66.6904, -49.2883, 31.6313



66.6904, -39.1312, -70.5135



66.6904, 59.2212, -46.9319



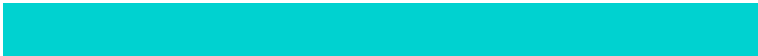
66.6904, 41.4938, 37.2094

Rectangle

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



66.6890, -49.2874, 31.6309



66.6904, -57.1201, -12.7723



66.6904, 59.2212, -46.9319



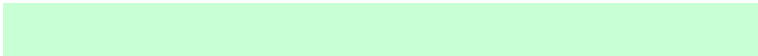
66.6904, 75.1379, 16.6990

Sweetspot

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



66.6904, -49.2883, 31.6313



94.2113, -28.7128, 18.3154



72.4062, -27.1323, 40.4094



43.2818, -14.5630, 9.2114

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.6904, -49.2883, 31.6313



85.2661, -68.7732, 45.3050



67.9843, -41.3976, 12.8168



35.4581, -5.8831, 4.1075



52.2408, -44.0493, 29.7933



11.9118, -9.7155, 6.0842

Inverse Universe

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



43.8607, 61.9812, -26.7140



52.7407, 90.8817, -36.6545



41.4688, 52.2060, 6.7161



33.7106, 2.3674, -0.3798



31.2552, 58.9287, -21.6889



7.1690, 13.6318, -5.8680

Previews

White Background



This preview shows how the HunterLab color 66.6890, -49.2874, 31.6309 looks on a white background.

Color Contrast Check

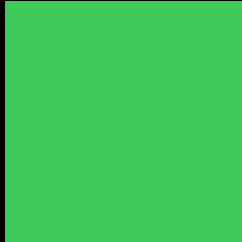
Large Text (above 18pt) WCAG AA × Fail

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 66.6890, -49.2874, 31.6309 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 66.6890, -49.2874, 31.6309 Background



This preview shows how black text looks on a background with the HunterLab color 66.6890, -49.2874, 31.6309.



This preview shows how white text looks on a background with the HunterLab color 66.6890,

-49.2874, 31.6309.

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

66.6890, -49.2874, 31.6309

Protanopia

66.1734, -7.8780, 33.4856

Deuteranopia

65.8431, 4.8146, 30.0270



Tritanopia

66.5691, -23.1600, -11.3933

Trichromacy



Original Color

66.6890, -49.2874, 31.6309



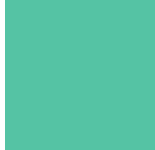
Protanomaly

64.7895, -27.3371, 31.5795



Deuteranomaly

64.2364, -20.8989, 29.0021



Tritanomaly

66.0620, -34.6502, 8.5788

Monochromacy



Original Color

66.6890, -49.2874, 31.6309



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

57.7230, -23.1823, 14.5391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6890, -49.2874, 31.6309 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(62, 203, 90)` looks like.

```
.text, #text, p{  
    color:rgb(62, 203, 90)  
}
```

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(62, 203, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 203, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6890, -49.2874, 31.6309 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(62, 203, 90) }
```


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

```
.border{ border-color:rgb(62, 203, 90) }
```

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

Here you see how a box with a 4 pixel rgb(62, 203, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 203, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 203, 90);  
box-shadow:4px 4px 4px 4px rgb(62, 203,  
90) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6890, -49.2874, 31.6309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 203, 90) }
```

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

```
.background{ background-color: rgb(62, 203,  
90) }
```

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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