

Converting Colors

HunterLab(64.4684, -49.0494,
26.7858)

Have a look what the booklet for
HunterLab(64.4684, -49.0494,
26.7858) contains.

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Color

**HunterLab(64.4657,
-49.0644, 26.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	16C668
RGB	22, 198, 104
RGB Percent	9%, 78%, 41%
CMY	0.9137, 0.2235, 0.5921
CMYK	0.89, 0.00, 0.47, 0.22
HSL	148°, 80%, 43%
HSV	148°, 89%, 78%
XYZ	23.0237, 41.5583, 19.9048
YIQ	134.6600, -74.7220, -66.5460

Conversions

Conversions Part 2

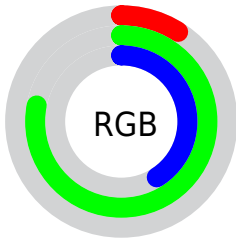
Format	Color
RYB	22, 142, 198
Decimal	1492584
CIELab	70.57, -61.44, 35.74
CIElCh	71, 71.082, 149.813
Yxy	41.5599, 0.2725, 0.4919
Android (android.graphics.Color)	4279682664 (0xFF16C668)
YUV	134.6600, -15.1154, -98.8028
Hunter-Lab	64.4657, -49.0644, 26.8193

Details

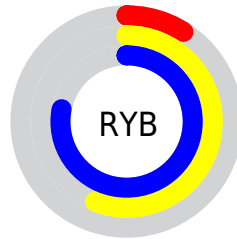
The HunterLab color **64.4657, -49.0644, 26.8193** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **37.2040, 63.1372, -2.3048**, and the grayscale version is **49.1682, -2.6235, 2.6714**.

A 20% lighter version of the original color is **87.7255, -56.5197, 31.5078**, and **44.6220, -36.1325, 22.2261** is the 20% darker color. If you saturate the color by 10%, you get **64.1887, -50.5471, 29.0104**, and if you desaturate by 10%, it is **64.8892, -46.9524, 24.4584**.

Distribution



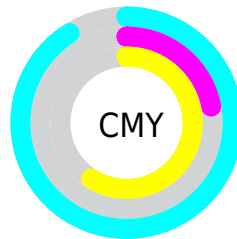
- Red (9%)
- Green (78%)
- Blue (41%)



- Red (9%)
- Yellow (56%)
- Blue (78%)



- Cyan (89%)
- Magenta (0%)
- Yellow (47%)
- Black (22%)



- Cyan (91%)
- Magenta (22%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4657, -49.0644, 26.8193 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 64.4657, -49.0644, 26.8193 by changing the saturation by 10% instead.

■ 64.4657, -49.0644,
26.8193

■ 64.4657, -49.0644,
26.8193

187.7912,
-81.1327, 48.1057

■ 53.6254, -44.8051,
24.1120

■ 88.0529, -56.9897,
31.9318

■ 43.4707, -40.2798,
21.2674

■ 100.7334,
-60.7233, 34.3739

■ 34.0527, -35.4131,
18.2473

■ 113.9701,
-64.3371, 36.7583

■ 25.4345, -30.0936,
14.9998

■ 127.7406,
-67.8492, 39.0950

■ 17.6985, -24.2740,
12.3890

■ 142.0250,
-71.2740, 41.3921

■ 10.9601, -19.1801,
7.6721

156.8054,

■ 2.5042, -4.3824,

-74.6233, 43.6561

1.7529

172.0657,
-77.9068, 45.8925

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4657, -49.0644,
26.8193

■ 64.4657, -49.0644,
26.8193

■ 64.1887, -50.5471,
29.0104

■ 64.8892, -46.9524,
24.4584

■ 64.1614, -50.6947,
29.2391

■ 65.4873, -44.0927,
21.9685

■ 66.2775, -40.4463,
19.3852

■ 67.2705, -36.0048,
16.7440

■ 68.4730, -30.7859,

14.0800

■ 69.8875, -24.8282,
11.4267

■ 71.5135, -18.1862,
8.8144

■ 73.3480, -10.9249,
6.2697

■ 75.3856, -3.1149,
3.8145

Harmonies

Analogous

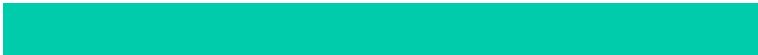
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.4670, -31.6694, 36.7188



64.4657, -49.0644, 26.8193



64.4670, -54.7989, 3.7033

Triad

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



64.4670, -49.0651, 26.8197



64.4670, -3.6476, -88.7660



64.4670, 60.2501, 26.6241

Complementary

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



64.4657, -49.0644, 26.8193



37.2040, 63.1372, -2.3048

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.



64.4670, 71.7275, 3.3143



64.4657, -49.0644, 26.8193



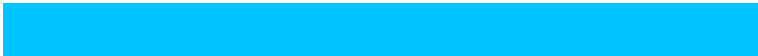
64.4670, 30.6694, -72.3387

Square

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



64.4670, -49.0651, 26.8197



64.4670, -31.9593, -71.9506



64.4670, 59.9725, -34.1216



64.4670, 31.0942, 36.6516

Rectangle

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



64.4657, -49.0644, 26.8193



64.4670, -52.3406, -20.0734



64.4670, 59.9725, -34.1216



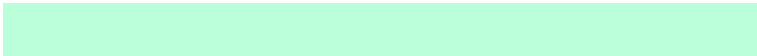
64.4670, 66.5335, 20.5850

Sweetspot

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



64.4670, -49.0651, 26.8197



93.3015, -31.7852, 14.6862



66.6002, -41.7180, 39.6324



42.8423, -16.0478, 7.3575

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4670, -49.0651, 26.8197



85.3506, -67.6368, 39.3276



66.5157, -36.6108, -2.6718



34.5959, -5.3372, 3.0201



51.7569, -40.7790, 23.3386



11.3270, -8.4733, 4.1337

Inverse Universe

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



37.2040, 63.1372, -2.3048



48.0033, 85.9217, 2.2240



35.6065, 57.1087, 20.8040



32.7568, 1.8910, 0.7007



29.1522, 52.2937, 0.4681



6.4571, 11.7897, -1.4996

Previews

White Background



This preview shows how the HunterLab color 64.4657, -49.0644, 26.8193 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 64.4657, -49.0644, 26.8193 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 64.4657, -49.0644, 26.8193 Background



This preview shows how black text looks on a background with the HunterLab color 64.4657, -49.0644, 26.8193.



This preview shows how white text looks on a background with the HunterLab color 64.4657, -49.0644, 26.8193.

-49.0644, 26.8193.

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

64.4657, -49.0644, 26.8193

Protanopia

63.7380, -7.0193, 29.3015

Deuteranopia

63.7965, 4.1272, 25.1369



Tritanopia

64.3294, -25.1942, -12.3015

Trichromacy



Original Color

64.4657, -49.0644, 26.8193



Protanomaly

62.0635, -29.1432, 26.6941



Deuteranomaly

61.2846, -23.4606, 23.3555



Tritanomaly

63.9411, -35.9615, 5.3184

Monochromacy



Original Color

64.4657, -49.0644, 26.8193



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

53.1871, -24.3414, 11.0907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4657, -49.0644, 26.8193 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(22, 198, 104)` looks like.

```
.text, #text, p{  
    color:rgb(22, 198, 104)  
}
```

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(22, 198, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 198, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4657, -49.0644, 26.8193 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(22, 198, 104) }
```


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

```
.border{ border-color:rgb(22, 198, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 198, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 198, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 198, 104);  
box-shadow:4px 4px 4px 4px rgb(22, 198,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4657, -49.0644, 26.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 198, 104) }
```

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

```
.background{ background-color: rgb(22, 198,  
104) }
```

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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