

Converting Colors

HunterLab(68.9686, -49.4497,
25.2803)

Have a look what the booklet for
HunterLab(68.9686, -49.4497,
25.2803) contains.

HunterLab(69.0196, -49.4943, 25.2824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.0196,
-49.4943, 25.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	2ED17C
RGB	46, 209, 124
RGB Percent	18%, 82%, 49%
CMY	0.8196, 0.1804, 0.5137
CMYK	0.78, 0.00, 0.41, 0.18
HSL	149°, 64%, 50%
HSV	149°, 78%, 82%
XYZ	27.5653, 47.6371, 26.8108
YIQ	150.5730, -69.8630, -60.9910

Conversions

Conversions Part 2

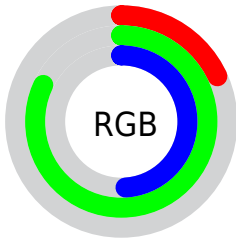
Format	Color
RYB	46, 156, 209
Decimal	3068284
CIELab	74.60, -59.54, 30.84
CIELCh	75, 67.051, 152.613
Yxy	47.6390, 0.2702, 0.4670
Android (android.graphics.Color)	4281258364 (0xFF2ED17C)
YUV	150.5730, -13.1005, -91.7105
Hunter-Lab	69.0196, -49.4943, 25.2824

Details

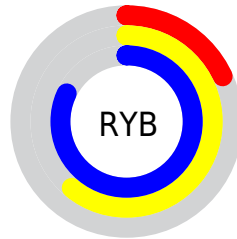
The HunterLab color **69.0196, -49.4943, 25.2824** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **41.4114, 62.7468, -4.1302**, and the grayscale version is **55.5304, -2.9630, 3.0171**.

A 20% lighter version of the original color is **88.6261, -52.0413, 25.8733**, and **48.2461, -37.7126, 21.1073** is the 20% darker color. If you saturate the color by 10%, you get **68.5604, -51.7906, 27.8032**, and if you desaturate by 10%, it is **69.6701, -46.4032, 22.6423**.

Distribution



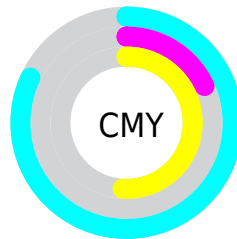
- Red (18%)
- Green (82%)
- Blue (49%)



- Red (18%)
- Yellow (61%)
- Blue (82%)



- Cyan (78%)
- Magenta (0%)
- Yellow (41%)
- Black (18%)



- Cyan (82%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.0196, -49.4943, 25.2824 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 69.0196, -49.4943, 25.2824 by changing the saturation by 10% instead.

■ 69.0196, -49.4943,
25.2824

■ 69.0196, -49.4943,
25.2824

194.2574,
-80.3588, 44.2706

■ 57.9147, -45.4473,
22.9310

■ 93.0949, -57.0659,
29.7676

■ 47.4776, -41.1680,
20.4787

■ 106.0024,
-60.6483, 31.9289

■ 37.7560, -36.5937,
17.8962

■ 119.4568,
-64.1239, 34.0500

■ 28.8068, -31.6320,
15.1411

■ 133.4368,
-67.5083, 36.1383

■ 20.7037, -26.1437,
12.1771

■ 147.9231,
-70.8144, 38.2000

■ 13.5464, -22.6187,
9.4825

162.8987,

■ 7.1336, -12.4837,

-74.0527, 40.2400

4.9935

178.3482,
-77.2317, 42.2624

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.0196, -49.4943,
25.2824

■ 69.0196, -49.4943,
25.2824

■ 68.5604, -51.7906,
27.8032

■ 69.6701, -46.4032,
22.6423

■ 68.2592, -53.3917,
30.1616

■ 70.5245, -42.4747,
19.9194


■ 68.2078, -53.6712,
30.6069


■ 71.5957, -37.7022,
17.1523


■ 72.8901, -32.1059,
14.3779

■ 74.4106, -25.7281,

11.6310

 76.1563, -18.6276,
8.9430

 78.1238, -10.8738,
6.3408

 80.3075, -2.5421,
3.8463

 82.6997, 6.2910,
1.4763

Harmonies

Analogous

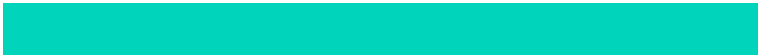
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.0210, -33.2810, 36.7203



69.0196, -49.4943, 25.2824



69.0210, -54.1988, 1.0892

Triad

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



69.0210, -49.4950, 25.2829



69.0210, -0.9147, -81.6571



69.0210, 54.8253, 28.0799

Complementary

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



69.0196, -49.4943, 25.2824



41.4114, 62.7468, -4.1302

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.



69.0210, 67.4970, 6.3224



69.0196, -49.4943, 25.2824



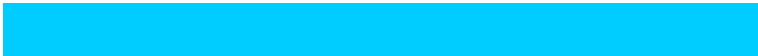
69.0210, 31.9252, -64.1586

Square

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



69.0210, -49.4950, 25.2829



69.0210, -29.2994, -69.0789



69.0210, 58.4533, -28.1925



69.0210, 26.3094, 37.7543

Rectangle

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



69.0196, -49.4943, 25.2824



69.0210, -51.0093, -22.1483



69.0210, 58.4533, -28.1925



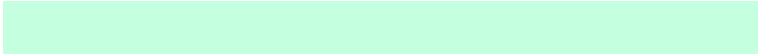
69.0210, 61.2881, 22.3790

Sweetspot

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



69.0210, -49.4950, 25.2829



94.1845, -28.1264, 12.9640



71.2611, -42.1524, 41.0219



43.2144, -14.4854, 6.5702

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.0210, -49.4950, 25.2829



85.5779, -66.3470, 36.9394



71.0793, -37.0569, -4.2765



36.4680, -5.6283, 3.1413



53.5754, -42.0287, 23.7632



12.7315, -9.5481, 4.6984

Inverse Universe

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



41.4114, 62.7468, -4.1302



48.4897, 85.1070, 0.8900



39.6902, 55.9277, 20.6814



34.5105, 1.9981, 0.7835



30.0973, 53.8707, 1.4015



7.2283, 13.1420, -1.2461

Previews

White Background



This preview shows how the HunterLab color 69.0196, -49.4943, 25.2824 looks on a white background.

Color Contrast Check

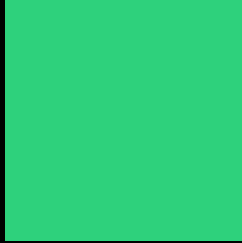
Large Text (above 18pt) WCAG AA × Fail

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 69.0196, -49.4943, 25.2824 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 69.0196, -49.4943, 25.2824 Background



This preview shows how black text looks on a background with the HunterLab color 69.0196, -49.4943, 25.2824.



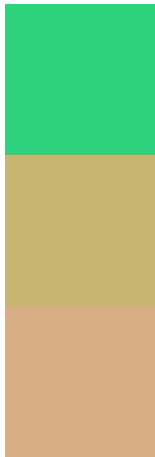
This preview shows how white text looks on a background with the HunterLab color 69.0196, -49.4943, 25.2824.

-49.4943, 25.2824.

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

69.0196, -49.4943, 25.2824

Protanopia

68.3037, -7.1654, 28.4018

Deuteranopia

68.2180, 5.2210, 23.1542



Tritanopia

68.7528, -26.1714, -12.9553

Trichromacy



Original Color

69.0196, -49.4943, 25.2824



Protanomaly

66.9502, -28.1444, 25.8576



Deuteranomaly

66.3292, -21.7276, 21.9266



Tritanomaly

68.5237, -36.2107, 3.7648

Monochromacy



Original Color

69.0196, -49.4943, 25.2824



Achromatopsia

55.6299, -2.9683, 3.0225



Achromatomaly

59.1091, -23.8068, 10.7295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.0196, -49.4943, 25.2824 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(46, 209, 124)` looks like.

```
.text, #text, p{  
    color:rgb(46, 209, 124)  
}
```

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(46, 209, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 209, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 69.0196, -49.4943, 25.2824 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(46, 209, 124) }
```


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

```
.border{ border-color:rgb(46, 209, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 209, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 209, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 209, 124);  
box-shadow:4px 4px 4px 4px rgb(46, 209,  
124) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.0196, -49.4943, 25.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 209, 124) }
```

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

```
.background{ background-color: rgb(46, 209,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor