

Converting Colors

HunterLab(49.3700, -21.0444,
14.7142)

Have a look what the booklet for
HunterLab(49.3700, -21.0444,
14.7142) contains.

HunterLab(49.2406, -20.9831, 14.5237)	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(49.2406,
-20.9831, 14.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	649267
RGB	100, 146, 103
RGB Percent	39%, 57%, 40%
CMY	0.6078, 0.4274, 0.5961
CMYK	0.32, 0.00, 0.29, 0.43
HSL	124°, 19%, 48%
HSV	124°, 32%, 57%
XYZ	17.9826, 24.2464, 16.5642
YIQ	127.3440, -13.6130, -23.1250

Conversions

Conversions Part 2

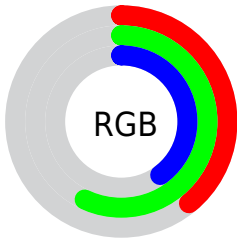
Format	Color
RYB	100, 143, 146
Decimal	6591079
CIELab	56.33, -24.74, 17.95
CIELCh	56, 30.568, 144.046
Yxy	24.2474, 0.3059, 0.4124
Android (android.graphics.Color)	4284781159 (0xFF649267)
YUV	127.3440, -12.0016, -23.9807
Hunter-Lab	49.2406, -20.9831, 14.5237

Details

The HunterLab color $49.2406, -20.9831, 14.5237$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $41.4838, 19.3560, -11.2414$, and the grayscale version is $46.2537, -2.4680, 2.5131$.

A 20% lighter version of the original color is $70.9345, -24.8987, 17.7204$, and $30.2882, -16.6347, 11.0484$ is the 20% darker color. If you saturate the color by 10%, you get $48.2038, -25.5518, 17.5349$, and if you desaturate by 10%, it is $50.4507, -15.8014, 11.1593$.

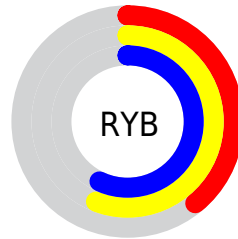
Distribution



Red (39%)

Green (57%)

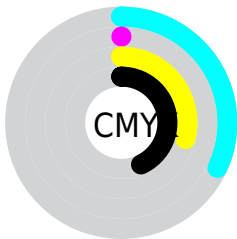
Blue (40%)



Red (39%)

Yellow (56%)

Blue (57%)

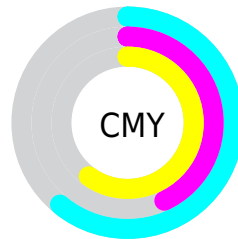


Cyan (32%)

Magenta (0%)

Yellow (29%)

Black (43%)



Cyan (61%)

Magenta (43%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.2406, -20.9831, 14.5237 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 49.2406, -20.9831, 14.5237 by changing the saturation by 10% instead.

■ 49.2406, -20.9831,
14.5237

■ 49.2406, -20.9831,
14.5237

165.5502,
-37.5987, 28.2809

■ 39.3919, -18.9204,
12.8753

■ 71.0166, -24.8978,
17.6890

■ 30.3038, -16.7495,
11.1552

■ 82.8604, -26.7820,
19.2300

■ 22.0474, -14.4243,
9.3293

■ 95.2979, -28.6325,
20.7543

■ 14.7169, -11.8635,
7.4245

■ 108.3022,
-30.4571, 22.2674

■ 8.3743, -13.3229,
5.8620

121.8494,
-32.2618, 23.7737

0.0000, NaN, NaN

135.9186,

0.0000, NaN, NaN

-34.0513, 25.2764

0.0000, NaN, NaN

150.4912,
-35.8292, 26.7781

0.0000, NaN, NaN

■ 49.2406, -20.9831,
14.5237

■ 49.2406, -20.9831,
14.5237

■ 48.2038, -25.5518,
17.5349

■ 50.4507, -15.8014,
11.1593

■ 47.3376, -29.4557,
20.1568

■ 51.8279, -10.0641,
7.4803

■ 46.6408, -32.6630,
22.3641

■ 53.3686, -3.8377,
3.5296

■ 46.1079, -35.1620,
24.1429

■ 55.0666, 2.8104,
-0.6505

■ 45.7293, -36.9670,
25.4933

■ 56.9146, 9.8154,
-5.0195

■ 45.4910, -38.1224,
26.4321

■ 58.9048, 17.1166,
-9.5409

■ 45.3647, -38.7360,
26.9180

■ 61.0292, 24.6599,
-14.1822

■ 63.2796, 32.3978,
-18.9154

■ 65.6481, 40.2900,
-23.7173

Harmonies

Analogous

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



49.2416, -12.2478, 19.6051



49.2406, -20.9831, 14.5237



49.2416, -24.7638, 5.0439

Triad

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



49.2416, -20.9840, 14.5242



49.2416, -5.1531, -26.6964



49.2416, 21.8787, 11.2853

Complementary

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



49.2406, -20.9831, 14.5237



41.4838, 19.3560, -11.2414

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.



49.2416, 24.2701, 0.1935



49.2406, -20.9831, 14.5237



49.2416, 7.7876, -23.8004

Square

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



49.2416, -20.9840, 14.5242



49.2416, -16.2426, -20.2437



49.2416, 18.8811, -13.1136



49.2416, 12.6435, 18.0960

Rectangle

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



49.2406, -20.9831, 14.5237



49.2416, -24.2721, -3.3369



49.2416, 18.8811, -13.1136



49.2416, 23.5464, 8.0226

Sweetspot

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



49.2416, -20.9840, 14.5242



69.2931, -11.4983, 8.7449



52.3273, -9.6029, 18.4146



32.5601, -5.9233, 4.4429



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



49.2416, -20.9840, 14.5242



64.3776, -32.3607, 22.2436



49.7559, -17.9917, 7.1038



25.4445, -4.2318, 3.2173



42.5566, -36.3272, 25.2279



4.7210, -3.9380, 2.6002

Inverse Universe

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



41.4838, 19.3560, -11.2414



51.9262, 32.6295, -19.2247



40.7418, 15.6468, -0.8063



24.2955, 1.7058, -0.5809



26.3728, 51.1455, -29.3252



2.9447, 5.7525, -3.5975

Previews

White Background



This preview shows how the HunterLab color 49.2406, -20.9831, 14.5237 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 49.2406, -20.9831, 14.5237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

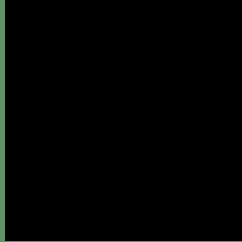
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.2406, -20.9831, 14.5237 Background



This preview shows how black text looks on a background with the HunterLab color 49.2406, -20.9831, 14.5237.



This preview shows how white text looks on a background with the HunterLab color 49.2406,

-20.9831, 14.5237.

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

49.2406, -20.9831, 14.5237

Protanopia

48.9406, -3.9222, 16.0894

Deuteranopia

48.9185, 3.4584, 13.3448



Tritanopia

49.2359, -9.0481, -5.0763

Trichromacy



Original Color

49.2406, -20.9831, 14.5237

Protanomaly

48.7485, -10.4585, 15.1918

Deuteranomaly

48.5827, -6.3238, 13.1849

Tritanomaly

49.1237, -13.5838, 2.8101

Monochromacy



Original Color

49.2406, -20.9831, 14.5237

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

47.0533, -9.7675, 7.2261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.2406, -20.9831, 14.5237 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(100, 146, 103)` looks like.

```
.text, #text, p{  
    color:rgb(100, 146, 103)  
}
```

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(100, 146, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 146, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 49.2406, -20.9831, 14.5237 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(100, 146, 103) }
```


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

```
.border{ border-color:rgb(100, 146, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 146, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 146, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 146, 103);  
box-shadow:4px 4px 4px 4px rgb(100, 146,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.2406, -20.9831, 14.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 146, 103) }
```

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

```
.background{ background-color: rgb(100,  
146, 103) }
```

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