

Converting Colors

HunterLab(49.1857, -13.1326,
20.2982)

Have a look what the booklet for
HunterLab(49.1857, -13.1326,
20.2982) contains.

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Color

**HunterLab(49.0386,
-13.0444, 20.0946)**

Conversions

Conversions Part 1

Format	Color
Hex	818C53
RGB	129, 140, 83
RGB Percent	51%, 55%, 33%
CMY	0.4941, 0.4510, 0.6745
CMYK	0.08, 0.00, 0.41, 0.45
HSL	72°, 26%, 44%
HSV	72°, 41%, 55%
XYZ	19.9927, 24.0478, 11.7716
YIQ	130.2130, 11.7410, -20.0590

Conversions

Conversions Part 2

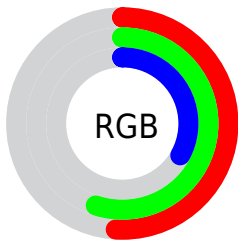
Format	Color
RYB	83, 140, 94
Decimal	8490067
CIELab	56.14, -13.57, 29.10
CIElCh	56, 32.105, 115.008
Yxy	24.0489, 0.3582, 0.4309
Android (android.graphics.Color)	4286680147 (0xFF818C53)
YUV	130.2130, -23.2760, -1.0638
Hunter-Lab	49.0386, -13.0444, 20.0946

Details

The HunterLab color $[49.0386, -13.0444, 20.0946]$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $[32.3424, 12.0798, -25.3453]$, and the grayscale version is $[47.4172, -2.5301, 2.5763]$.

A 20% lighter version of the original color is $[70.9537, -15.8574, 24.9012]$, and $[30.0988, -10.4689, 15.0757]$ is the 20% darker color. If you saturate the color by 10%, you get $[48.6263, -14.9793, 22.8359]$, and if you desaturate by 10%, it is $[49.4994, -10.8754, 16.7642]$.

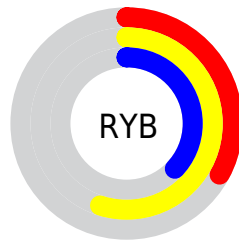
Distribution



Red (51%)

Green (55%)

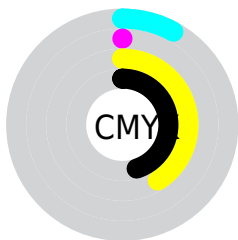
Blue (33%)



Red (33%)

Yellow (55%)

Blue (37%)

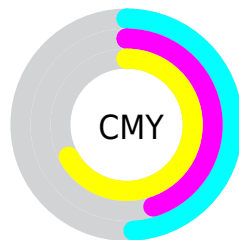


Cyan (8%)

Magenta (0%)

Yellow (41%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0386, -13.0444, 20.0946 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 49.0386, -13.0444, 20.0946 by changing the saturation by 10% instead.

■ 49.0386, -13.0444,
20.0946

■ 49.0386, -13.0444,
20.0946

165.2476,
-24.8450, 38.9577

■ 39.2045, -11.7020,
17.6613

■ 70.7884, -15.6781,
24.6448

■ 30.1321, -10.3237,
15.0746

■ 82.6202, -16.9815,
26.8071

■ 21.8930, -8.8895,
12.2797

■ 95.0462, -18.2827,
28.9153

■ 14.5820, -7.3616,
10.2074

■ 108.0395,
-19.5850, 30.9805

■ 8.2424, -7.6155,
5.7697

■ 121.5762,
-20.8907, 33.0112

0.0000, NaN, NaN

0.0000, NaN, NaN

135.6352,

-22.2017, 35.0142

0.0000, NaN, NaN

150.1980,
-23.5194, 36.9949

0.0000, NaN, NaN

■ 49.0386, -13.0444,
20.0946

■ 49.0386, -13.0444,
20.0946

■ 48.6263, -14.9793,
22.8359

■ 49.4994, -10.8754,
16.7642

■ 48.2577, -16.6800,
25.0033

■ 50.0067, -8.4673,
12.8340

■ 47.9317, -18.1551,
26.6225

■ 50.5623, -5.8232,
8.3021

■ 47.6458, -19.4163,
27.7288

■ 51.1668, -2.9468,
3.1718

■ 47.3964, -20.4803,
28.3706

■ 51.8204, 0.1559,
-2.5486

■ 47.1873, -21.3504,
28.7028

■ 52.5231, 3.4777,
-8.8461

■ 53.2747, 7.0098,
-15.7043

■ 54.0747, 10.7428,
-23.1037

■ 54.9225, 14.6661,
-31.0223

Harmonies

Analogous

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



49.0397, -0.3565, 21.3505



49.0386, -13.0444, 20.0946



49.0397, -21.9972, 14.7500

Triad

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



49.0397, -13.0458, 20.0951



49.0397, -16.5407, -21.9621



49.0397, 25.7867, 0.4879

Complementary

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



49.0386, -13.0444, 20.0946



32.3424, 12.0798, -25.3453

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.



49.0397, 20.3306, -13.5737



49.0386, -13.0444, 20.0946



49.0397, -4.8417, -28.5731

Square

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



49.0397, -13.0458, 20.0951



49.0397, -23.8580, -8.8671



49.0397, 8.7584, -25.1514



49.0397, 22.9904, 11.9438

Rectangle

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



49.0386, -13.0444, 20.0946



49.0397, -25.1138, 8.5972



49.0397, 8.7584, -25.1514



49.0397, 24.8414, -4.1055

Sweetspot

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



49.0397, -13.0458, 20.0951



67.0170, -8.2921, 12.0008



37.5614, 11.8777, 10.4349



32.1296, -4.1720, 6.0931



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



49.0397, -13.0458, 20.0951



64.5997, -19.7238, 30.0970



47.0654, -20.4970, 18.3330



24.0770, -2.5598, 3.5810



44.4879, -20.0898, 27.0615



3.7050, -1.3348, 2.2596

Inverse Universe

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



32.3424, 12.0798, -25.3453



37.8567, 21.2894, -44.8090



34.9492, 19.7743, -20.2115



22.2165, 0.1610, -1.2680



13.7723, 35.8011, -85.7939



1.3240, 3.1115, -5.6880

Previews

White Background



This preview shows how the HunterLab color 49.0386, -13.0444, 20.0946 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 49.0386, -13.0444, 20.0946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

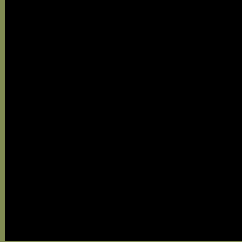
Any Text WCAG AA ✓ Pass

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 49.0386, -13.0444, 20.0946 Background



This preview shows how black text looks on a background with the HunterLab color 49.0386, -13.0444, 20.0946.



This preview shows how white text looks on a background with the HunterLab color 49.0386, -13.0444, 20.0946.

-13.0444, 20.0946.

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

49.0386, -13.0444, 20.0946

Protanopia

48.8337, -4.8864, 20.5541

Deuteranopia

48.7766, 3.5646, 19.4166



Tritanopia

48.9821, -0.0847, -1.2742

Trichromacy



Original Color

49.0386, -13.0444, 20.0946

Protanomaly

48.7780, -7.9925, 20.2139

Deuteranomaly

48.6235, -2.6073, 19.4363

Tritanomaly

48.9646, -5.7490, 8.1674

Monochromacy



Original Color

49.0386, -13.0444, 20.0946

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.9461, -6.7976, 10.1061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0386, -13.0444, 20.0946 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(129, 140, 83)` looks like.

```
.text, #text, p{  
    color:rgb(129, 140, 83)  
}
```

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(129, 140, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 140, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0386, -13.0444, 20.0946 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(129, 140, 83) }
```


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

```
.border{ border-color:rgb(129, 140, 83) }
```

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

Here you see how a box with a 4 pixel rgb(129, 140, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 140, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 140, 83);  
box-shadow:4px 4px 4px 4px rgb(129, 140,  
83) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0386, -13.0444, 20.0946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 140, 83) }
```

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

```
.background{ background-color: rgb(129,  
140, 83) }
```

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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