

Converting Colors

HunterLab(47.0959, -22.0197,
17.5061)

Have a look what the booklet for
HunterLab(47.0959, -22.0197,
17.5061) contains.

HunterLab(47.0686, -21.9812, 17.5285)	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(47.0686,
-21.9812, 17.5285)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8D56
RGB	95, 141, 86
RGB Percent	37%, 55%, 34%
CMY	0.6274, 0.4470, 0.6627
CMYK	0.33, 0.00, 0.39, 0.45
HSL	110°, 24%, 45%
HSV	110°, 39%, 55%
XYZ	15.9239, 22.1545, 12.2411
YIQ	120.9760, -9.7610, -26.8570

Conversions

Conversions Part 2

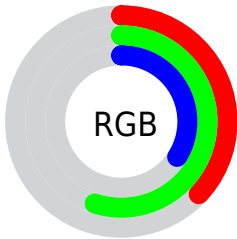
Format	Color
R_{YB}	86, 141, 132
Decimal	6262102
CIE _{Lab}	54.19, -26.91, 24.49
CIE _{LCh}	54, 36.385, 137.692
Yxy	22.1555, 0.3165, 0.4403
Android (android.graphics.Color)	4284452182 (0xFF5F8D56)
YUV	120.9760, -17.2432, -22.7810
Hunter-Lab	47.0686, -21.9812, 17.5285

Details

The HunterLab color $47.0686, -21.9812, 17.5285$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $36.7218, 21.5422, -17.6830$, and the grayscale version is $43.7857, -2.3363, 2.3790$.

A 20% lighter version of the original color is $68.5644, -26.2874, 21.6470$, and $28.3138, -17.3682, 13.1234$ is the 20% darker color. If you saturate the color by 10%, you get $46.2230, -25.7551, 20.1891$, and if you desaturate by 10%, it is $48.0476, -17.6983, 14.3873$.

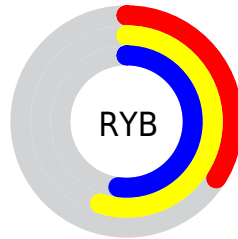
Distribution



Red (37%)

Green (55%)

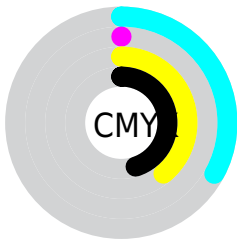
Blue (34%)



Red (34%)

Yellow (55%)

Blue (52%)

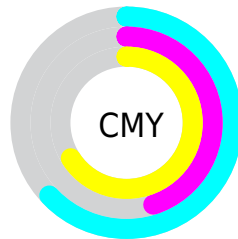


Cyan (33%)

Magenta (0%)

Yellow (39%)

Black (45%)



Cyan (63%)

Magenta (45%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0686, -21.9812, 17.5285 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 47.0686, -21.9812, 17.5285 by changing the saturation by 10% instead.

■ 47.0686, -21.9812,
17.5285

■ 47.0686, -21.9812,
17.5285

162.2828,
-39.6178, 34.3052

■ 37.3780, -19.7516,
15.4038

■ 68.5586, -26.1810,
21.5233

■ 28.4616, -17.3896,
13.1509

■ 80.2712, -28.1904,
23.4332

■ 20.3946, -14.8377,
10.7175

■ 92.5839, -30.1575,
25.3027

■ 13.2783, -11.9931,
9.2948

■ 105.4688,
-32.0915, 27.1412

■ 6.8120, -11.9210,
4.7684

■ 118.9015,
-33.9996, 28.9556

0.0000, NaN, NaN

0.0000, NaN, NaN

132.8605,

-35.8872, 30.7516

0.0000, NaN, NaN

147.3267,
-37.7587, 32.5336

0.0000, NaN, NaN

■ 47.0686, -21.9812,
17.5285

■ 47.0686, -21.9812,
17.5285

■ 46.2230, -25.7551,
20.1891

■ 48.0476, -17.6983,
14.3873

■ 45.5076, -28.9881,
22.3532

■ 49.1558, -12.9414,
10.7885

■ 44.9212, -31.6638,
24.0196

■ 50.3916, -7.7549,
6.7639

■ 44.4596, -33.7795,
25.2018

■ 51.7513, -2.1850,
2.3495

■ 44.1160, -35.3502,
25.9324

■ 53.2305, 3.7213,
-2.4168

■ 43.8758, -36.4437,
26.3437

■ 54.8242, 9.9186,
-7.4964

■ 43.8561, -36.5344,
26.3844

■ 56.5272, 16.3644,
-12.8523

■ 58.3338, 23.0195,
-18.4494

■ 60.2386, 29.8493,
-24.2556

Harmonies

Analogous

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



47.0696, -10.9535, 21.9083



47.0686, -21.9812, 17.5285



47.0696, -27.4852, 8.0382

Triad

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



47.0696, -21.9821, 17.5289



47.0696, -8.4997, -32.8510



47.0696, 28.1996, 10.1533

Complementary

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



47.0686, -21.9812, 17.5285



36.7218, 21.5422, -17.6830

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.



47.0696, 29.0719, -3.6628



47.0686, -21.9812, 17.5285



47.0696, 6.5654, -31.7422

Square

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



47.0696, -21.9821, 17.5289



47.0696, -20.3799, -22.5471



47.0696, 20.7440, -19.8717



47.0696, 18.4916, 18.6582

Rectangle

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



47.0686, -21.9812, 17.5285



47.0696, -27.7984, -1.2557



47.0696, 20.7440, -19.8717



47.0696, 29.5759, 6.0847

Sweetspot

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



47.0696, -21.9821, 17.5289



66.8776, -12.6926, 10.8614



47.7420, -5.4297, 18.3892



31.5199, -6.3613, 5.4154



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.



47.0696, -21.9821, 17.5289



61.9605, -33.9925, 26.6907



46.9419, -21.7674, 11.8895



24.6356, -3.8410, 3.3460



41.8828, -34.8600, 25.1977



4.1731, -3.0810, 2.5175

Inverse Universe

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



36.7218, 21.5422, -17.6830



45.3197, 36.4043, -30.4759



37.0684, 21.1696, -6.5871



23.3816, 1.3821, -0.8556



22.9494, 46.9420, -44.3985



2.4094, 4.8220, -3.8366

Previews

White Background



This preview shows how the HunterLab color 47.0686, -21.9812, 17.5285 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 47.0686, -21.9812, 17.5285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

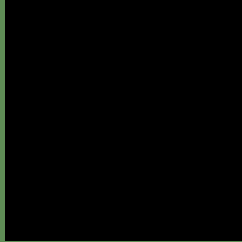
Any Text WCAG AA ✓ Pass

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 47.0686, -21.9812, 17.5285 Background



This preview shows how black text looks on a background with the HunterLab color 47.0686, -21.9812, 17.5285.



This preview shows how white text looks on a background with the HunterLab color 47.0686,

-21.9812, 17.5285.

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

47.0686, -21.9812, 17.5285

Protanopia

46.8586, -4.5972, 18.9438

Deuteranopia

46.9292, 2.9967, 16.7494



Tritanopia

47.0083, -8.3647, -4.9671

Trichromacy



Original Color

47.0686, -21.9812, 17.5285

Protanomaly

46.5668, -11.4936, 18.0735

Deuteranomaly

46.5544, -6.8611, 16.5297

Tritanomaly

47.0247, -14.1551, 4.6862

Monochromacy



Original Color

47.0686, -21.9812, 17.5285

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.6831, -9.8523, 8.5358

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0686, -21.9812, 17.5285 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(95, 141, 86)` looks like.

```
.text, #text, p{  
    color:rgb(95, 141, 86)  
}
```

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(95, 141, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 141, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0686, -21.9812, 17.5285 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(95, 141, 86) }
```


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

```
.border{ border-color:rgb(95, 141, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 141, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 141, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 141, 86);  
box-shadow:4px 4px 4px 4px rgb(95, 141,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0686, -21.9812, 17.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 141, 86) }
```

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

```
.background{ background-color: rgb(95, 141,  
86) }
```

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