

Converting Colors

HunterLab(47.1773, -23.8802,
19.0987)

Have a look what the booklet for
HunterLab(47.1773, -23.8802,
19.0987) contains.

HunterLab(47.0631, -23.8175, 19.0219)	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(47.0631,
-23.8175, 19.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	5B8E50
RGB	91, 142, 80
RGB Percent	36%, 56%, 31%
CMY	0.6431, 0.4431, 0.6863
CMYK	0.36, 0.00, 0.44, 0.44
HSL	109°, 28%, 44%
HSV	109°, 44%, 56%
XYZ	15.4354, 22.1494, 11.0512
YIQ	119.6830, -10.4940, -30.0940

Conversions

Conversions Part 2

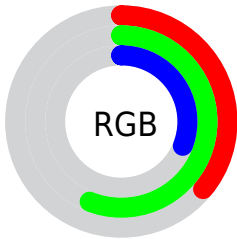
Format	Color
RYB	80, 142, 131
Decimal	6000208
CIELab	54.19, -29.73, 27.72
CIELCh	54, 40.648, 137.010
Yxy	22.1503, 0.3174, 0.4554
Android (android.graphics.Color)	4284190288 (0xFF5B8E50)
YUV	119.6830, -19.5637, -25.1550
Hunter-Lab	47.0631, -23.8175, 19.0219

Details

The HunterLab color $47.0631, -23.8175, 19.0219$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $35.3785, 24.4269, -20.6620$, and the grayscale version is $43.2926, -2.3100, 2.3522$.

A 20% lighter version of the original color is $68.5064, -28.4377, 23.4376$, and $28.3961, -18.7026, 14.1659$ is the 20% darker color. If you saturate the color by 10%, you get $46.2752, -27.3564, 21.4709$, and if you desaturate by 10%, it is $47.9828, -19.7612, 16.0768$.

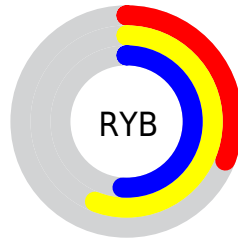
Distribution



Red (36%)

Green (56%)

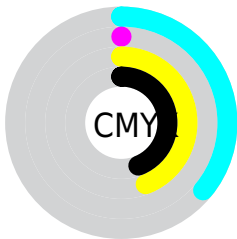
Blue (31%)



Red (31%)

Yellow (56%)

Blue (51%)

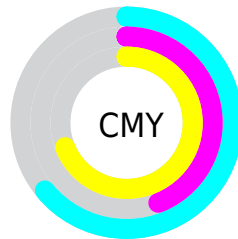


Cyan (36%)

Magenta (0%)

Yellow (44%)

Black (44%)



Cyan (64%)

Magenta (44%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0631, -23.8175, 19.0219 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 47.0631, -23.8175, 19.0219 by changing the saturation by 10% instead.

■ 47.0631, -23.8175,
19.0219

■ 47.0631, -23.8175,
19.0219

162.2745,
-42.7242, 37.3135

■ 37.3730, -21.3940,
16.6630

■ 68.5524, -28.3593,
23.4293

■ 28.4569, -18.8167,
14.1517

■ 80.2646, -30.5225,
25.5238

■ 20.3905, -16.0205,
11.4305

■ 92.5770, -32.6346,
27.5667

■ 13.2747, -12.9186,
9.2923

■ 105.4616,
-34.7060, 29.5688

■ 6.8076, -11.9132,
4.7653

■ 118.8940,
-36.7449, 31.5386

0.0000, NaN, NaN

0.0000, NaN, NaN

132.8527,

-38.7577, 33.4826

0.0000, NaN, NaN

147.3186,
-40.7494, 35.4061

0.0000, NaN, NaN

■ 47.0631, -23.8175,
19.0219

■ 47.0631, -23.8175,
19.0219

■ 46.2752, -27.3564,
21.4709

■ 47.9828, -19.7612,
16.0768

■ 45.6149, -30.3515,
23.4145

■ 49.0306, -15.2183,
12.6539

■ 45.0805, -32.7928,
24.8587

■ 50.2056, -10.2299,
8.7814

■ 44.6667, -34.6847,
25.8262

■ 51.5047, -4.8401,
4.4930

■ 44.3659, -36.0506,
26.3615

■ 52.9238, 0.9051,
-0.1744

■ 44.2222, -36.7054,
26.6069

■ 54.4584, 6.9606,
-5.1826

■ 56.1034, 13.2832,
-10.4937

■ 57.8536, 19.8328,
-16.0715

■ 59.7033, 26.5733,
-21.8822

Harmonies

Analogous

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



47.0641, -11.5638, 23.4423



47.0631, -23.8175, 19.0219



47.0641, -29.9488, 8.9377

Triad

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



47.0641, -23.8184, 19.0223



47.0641, -9.5324, -38.1019



47.0641, 32.3876, 10.6670

Complementary

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



47.0631, -23.8175, 19.0219



35.3785, 24.4269, -20.6620

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.



47.0641, 33.1332, -4.8534



47.0631, -23.8175, 19.0219



47.0641, 7.2764, -37.1273

Square

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



47.0641, -23.8184, 19.0223



47.0641, -22.5110, -25.7869



47.0641, 23.4185, -23.4622



47.0641, 21.5049, 19.9054

Rectangle

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



47.0631, -23.8175, 19.0219



47.0641, -30.3880, -1.3298



47.0641, 23.4185, -23.4622



47.0641, 33.8807, 6.1471

Sweetspot

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



47.0641, -23.8184, 19.0223



66.7328, -13.3137, 11.4480



47.3976, -5.0969, 19.6228



31.3852, -6.9348, 5.9150



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.



47.0641, -23.8184, 19.0223



61.5052, -36.0733, 28.3408



46.8674, -23.8812, 13.3258



24.6425, -3.8164, 3.3539



41.9091, -34.7481, 25.2159



4.1812, -3.0471, 2.5231

Inverse Universe

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



35.3785, 24.4269, -20.6620



43.1548, 40.1937, -34.7053



35.9207, 24.4015, -8.0281



23.3738, 1.3557, -0.8660



22.6813, 46.5733, -45.2716



2.3953, 4.8019, -3.8776

Previews

White Background



This preview shows how the HunterLab color 47.0631, -23.8175, 19.0219 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 47.0631, -23.8175, 19.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

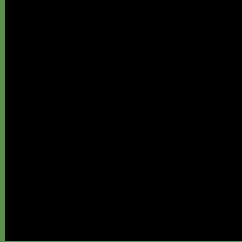
Any Text WCAG AA ✓ Pass

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 47.0631, -23.8175, 19.0219 Background



This preview shows how black text looks on a background with the HunterLab color 47.0631, -23.8175, 19.0219.



This preview shows how white text looks on a background with the HunterLab color 47.0631, -23.8175, 19.0219.

-23.8175, 19.0219.

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

47.0631, -23.8175, 19.0219

Protanopia

46.7667, -5.1055, 20.2889

Deuteranopia

46.6632, 3.2635, 18.1537



Tritanopia

46.8808, -8.8247, -5.1455

Trichromacy



Original Color

47.0631, -23.8175, 19.0219

Protanomaly

46.6872, -12.7567, 19.6286

Deuteranomaly

46.3631, -7.7546, 17.9676

Tritanomaly

46.8235, -15.0662, 5.6834

Monochromacy



Original Color

47.0631, -23.8175, 19.0219

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.3954, -11.0463, 9.3144

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0631, -23.8175, 19.0219 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(91, 142, 80)` looks like.

```
.text, #text, p{  
    color:rgb(91, 142, 80)  
}
```

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(91, 142, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 142, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0631, -23.8175, 19.0219 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(91, 142, 80) }
```


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

```
.border{ border-color:rgb(91, 142, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 142, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 142, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 142, 80);  
box-shadow:4px 4px 4px 4px rgb(91, 142,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0631, -23.8175, 19.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 142, 80) }
```

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

```
.background{ background-color: rgb(91, 142,  
80) }
```

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