

Converting Colors

HunterLab(47.7906, -1.9645,
18.8100)

Have a look what the booklet for
HunterLab(47.7906, -1.9645,
18.8100) contains.

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Color

**HunterLab(47.9695, -2.0197,
18.9007)**

Conversions

Conversions Part 1

Format	Color
Hex	958255
RGB	149, 130, 85
RGB Percent	58%, 51%, 33%
CMY	0.4157, 0.4902, 0.6667
CMYK	0.00, 0.13, 0.43, 0.42
HSL	42°, 27%, 46%
HSV	42°, 43%, 58%
XYZ	22.0168, 23.0107, 11.8754
YIQ	130.5510, 25.7690, -9.9670

Conversions

Conversions Part 2

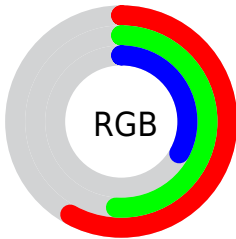
Format	Color
R_{YB}	112, 149, 85
Decimal	9798229
CIE _{Lab}	55.08, 0.68, 27.00
CIE _{LCh}	55, 27.010, 88.564
Yxy	23.0118, 0.3869, 0.4044
Android (android.graphics.Color)	4287988309 (0xFF958255)
YUV	130.5510, -22.4566, 16.1798
Hunter-Lab	47.9695, -2.0197, 18.9007

Details

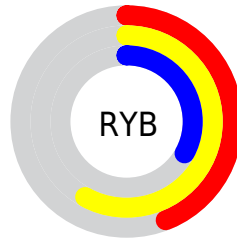
The HunterLab color $47.9695, -2.0197, 18.9007$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $37.4184, 1.8817, -21.9637$, and the grayscale version is $47.5434, -2.5368, 2.5831$.

A 20% lighter version of the original color is $69.6086, -3.3209, 23.3106$, and $29.2792, -1.0134, 14.1371$ is the 20% darker color. If you saturate the color by 10%, you get $46.5273, -1.2004, 21.2437$, and if you desaturate by 10%, it is $49.4734, -2.6054, 16.0207$.

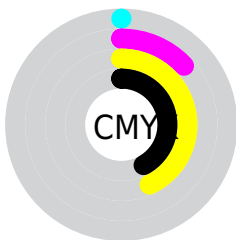
Distribution



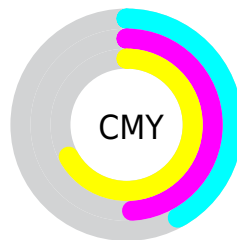
- Red (58%)
- Green (51%)
- Blue (33%)



- Red (44%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (13%)
- Yellow (43%)
- Black (42%)



- Cyan (42%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9695, -2.0197, 18.9007 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 47.9695, -2.0197, 18.9007 by changing the saturation by 10% instead.

■ 47.9695, -2.0197,
18.9007

■ 47.9695, -2.0197,
18.9007

163.6416, -7.9273,
36.8212

■ 38.2129, -1.5396,
16.6053

■ 69.5792, -3.1045,
23.2016

■ 29.2245, -1.1021,
14.1665

■ 81.3467, -3.7004,
25.2500

■ 21.0780, -0.7141,
11.5303

■ 93.7116, -4.3298,
27.2504

■ 13.8717, -0.3823,
9.7102

■ 106.6463, -4.9910,
29.2129

■ 7.5026, -0.0075,
5.2518

■ 120.1268, -5.6826,
31.1457

0.0000, NaN, NaN

0.0000, NaN, NaN

134.1319, -6.4032,

33.0548

0.0000, NaN, NaN

148.6424, -7.1518,
34.9452

0.0000, NaN, NaN

■ 47.9695, -2.0197,
18.9007

■ 47.9695, -2.0197,
18.9007

■ 46.5273, -1.2004,
21.2437

■ 49.4734, -2.6054,
16.0207

■ 45.1450, -0.1406,
23.0355

■ 51.0337, -2.9570,
12.6208

■ 43.8247, 1.1557,
24.2724

■ 52.6497, -3.0831,
8.7240

■ 42.5666, 2.6804,
24.9634

■ 54.3191, -2.9922,
4.3549

■ 41.3700, 4.4178,
25.1370

■ 56.0399, -2.6935,
-0.4607

■ 40.5546, 5.7164,
25.0896

■ 57.8097, -2.1971,
-5.6969

■ 59.6266, -1.5131,
-11.3279

■ 61.4883, -0.6517,
-17.3291

■ 63.3929, 0.3771,
-23.6767

Harmonies

Analogous

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



47.9706, 9.1876, 17.0017



47.9695, -2.0197, 18.9007



47.9706, -12.4257, 17.3378

Triad

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



47.9706, -2.0214, 18.9012



47.9706, -20.0402, -8.2464



47.9706, 17.2182, -9.3420

Complementary

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



47.9695, -2.0197, 18.9007



37.4184, 1.8817, -21.9637

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.



47.9706, 8.1689, -19.0770



47.9695, -2.0197, 18.9007



47.9706, -13.2796, -18.3492

Square

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



47.9706, -2.0214, 18.9012



47.9706, -22.2385, 3.1216



47.9706, -3.1005, -22.6980



47.9706, 20.9066, 2.0951

Rectangle

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



47.9695, -2.0197, 18.9007



47.9706, -17.6553, 14.2810



47.9706, -3.1005, -22.6980



47.9706, 14.6638, -13.0112

Sweetspot

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



47.9706, -2.0214, 18.9012



70.3891, -4.1251, 11.8470



37.2697, 21.7150, 2.4257



32.9272, -1.9362, 6.0978



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



47.9706, -2.0214, 18.9012



62.2450, -1.5935, 28.4576



52.3467, -14.6336, 22.2650



25.4104, -1.4663, 3.4046



37.2765, 5.1121, 23.0591



4.7066, -0.4418, 2.8925

Inverse Universe

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



37.4184, 1.8817, -21.9637



45.1271, 5.3066, -39.0026



33.5451, 14.1377, -29.3380



24.2835, -1.1013, -0.8522



18.4481, 19.5226, -65.2021



2.9678, 0.1441, -4.0204

Previews

White Background



This preview shows how the HunterLab color 47.9695, -2.0197, 18.9007 looks on a white background.

Color Contrast Check

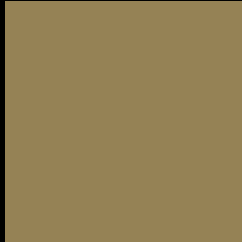
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9695, -2.0197, 18.9007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

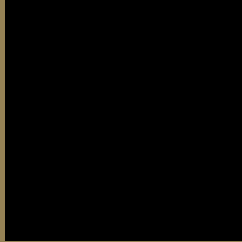
Any Text WCAG AA ✓ Pass

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 47.9695, -2.0197, 18.9007 Background



This preview shows how black text looks on a background with the HunterLab color 47.9695, -2.0197, 18.9007.



This preview shows how white text looks on a background with the HunterLab color 47.9695, -2.0197,

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

47.9695, -2.0197, 18.9007

Protanopia

47.9730, -4.8525, 18.5947

Deuteranopia

47.9213, 3.4433, 18.6964



Tritanopia

47.9652, 8.4913, 1.8251

Trichromacy



Original Color

47.9695, -2.0197, 18.9007

Protanomaly

47.8793, -3.7343, 18.5353

Deuteranomaly

47.7694, 1.5503, 18.5351

Tritanomaly

47.8101, 4.3020, 9.0453

Monochromacy



Original Color

47.9695, -2.0197, 18.9007

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.8025, -2.8675, 9.6602

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9695, -2.0197, 18.9007 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(149, 130, 85)` looks like.

```
.text, #text, p{  
    color:rgb(149, 130, 85)  
}
```

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(149, 130, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 130, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9695, -2.0197, 18.9007 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(149, 130, 85) }
```


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

```
.border{ border-color:rgb(149, 130, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 130, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 130, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 130, 85);  
box-shadow:4px 4px 4px 4px rgb(149, 130,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9695, -2.0197, 18.9007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 130, 85) }
```

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

```
.background{ background-color: rgb(149,  
130, 85) }
```

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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