

Converting Colors

HunterLab(47.4682, -2.7838,
21.9635)

Have a look what the booklet for
HunterLab(47.4682, -2.7838,
21.9635) contains.

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Color

HunterLab(47.4682, -2.7838,
21.9635)

Conversions

Conversions Part 1

Format	Color
Hex	958146
RGB	149, 129, 70
RGB Percent	58%, 51%, 27%
CMY	0.4157, 0.4941, 0.7255
CMYK	0.00, 0.13, 0.53, 0.42
HSL	45°, 36%, 43%
HSV	45°, 53%, 58%
XYZ	21.3502, 22.5323, 9.0183
YIQ	128.2540, 30.8590, -14.1090

Conversions

Conversions Part 2

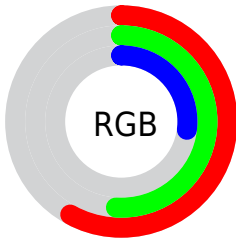
Format	Color
R_{YB}	97, 149, 70
Decimal	9797958
CIE Lab	54.59, -0.32, 34.52
CIE LCh	55, 34.524, 90.524
Yxy	22.5334, 0.4036, 0.4259
Android (android.graphics.Color)	4287988038 (0xFF958146)
YUV	128.2540, -28.7192, 18.1942
Hunter-Lab	47.4682, -2.7838, 21.9635

Details

The HunterLab color $47.4682, -2.7838, 21.9635$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $32.8390, 5.6212, -31.0027$, and the grayscale version is $46.6621, -2.4898, 2.5352$.

A 20% lighter version of the original color is $69.1311, -4.0256, 27.2880$, and $28.7854, -1.7135, 16.0378$ is the 20% darker color. If you saturate the color by 10%, you get $46.2521, -2.0206, 23.8152$, and if you desaturate by 10%, it is $48.7417, -3.3131, 19.5470$.

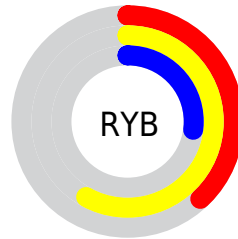
Distribution



Red (58%)

Green (51%)

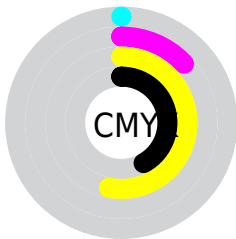
Blue (27%)



Red (38%)

Yellow (58%)

Blue (27%)

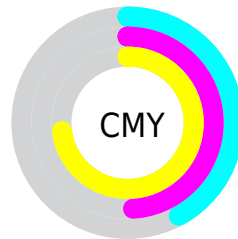


Cyan (0%)

Magenta (13%)

Yellow (53%)

Black (42%)



Cyan (42%)

Magenta (49%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.4682, -2.7838, 21.9635 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 47.4682, -2.7838, 21.9635 by changing the saturation by 10% instead.

47.4682, -2.7838,
21.9635

47.4682, -2.7838,
21.9635

162.8862, -9.0776,
43.4994

37.7483, -2.2480,
19.1101

69.0116, -3.9695,
27.2499

28.7998, -1.7500,
16.0591

80.7486, -4.6117,
29.7399

20.6974, -1.2951,
12.9118

93.0845, -5.2851,
32.1544

13.5409, -0.8877,
9.4786

105.9916, -5.9883,
34.5077

7.1272, -0.5735,
4.9890

119.4455, -6.7202,
36.8109

0.0000, NaN, NaN

0.0000, NaN, NaN

133.4250, -7.4797,

39.0727

0.0000, NaN, NaN

147.9109, -8.2658,
41.3003

0.0000, NaN, NaN

■ 47.4682, -2.7838,
21.9635

■ 47.4682, -2.7838,
21.9635

■ 46.2521, -2.0206,
23.8152

■ 48.7417, -3.3131,
19.5470

■ 45.0902, -1.0221,
25.1031

■ 50.0686, -3.6029,
16.5713

■ 43.9829, 0.2007,
25.8427

■ 51.4489, -3.6582,
13.0504

■ 42.9285, 1.6311,
26.0683

■ 52.8813, -3.4840,
9.0025

■ 42.2147, 2.7004,
26.0598

■ 54.3644, -3.0874,
4.4491

■ 55.8965, -2.4764,
-0.5867

■ 57.4759, -1.6599,
-6.0803

■ 59.1009, -0.6472,
-12.0071

■ 60.7697, 0.5521,
-18.3424

Harmonies

Analogous

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



47.4693, 11.7218, 20.1421



47.4682, -2.7838, 21.9635



47.4693, -15.6722, 20.0065

Triad

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



47.4693, -2.7856, 21.9640



47.4693, -23.9180, -12.6614



47.4693, 23.7660, -12.1233

Complementary

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



47.4682, -2.7838, 21.9635



32.8390, 5.6212, -31.0027

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.



47.4693, 12.2062, -25.8178



47.4682, -2.7838, 21.9635



47.4693, -15.2861, -26.1875

Square

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



47.4693, -2.7856, 21.9640



47.4693, -26.9563, 2.3450



47.4693, -2.2846, -31.5907



47.4693, 28.1064, 2.8215

Rectangle

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



47.4682, -2.7838, 21.9635



47.4693, -21.8972, 16.3535



47.4693, -2.2846, -31.5907



47.4693, 20.5332, -17.1660

Sweetspot

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



47.4693, -2.7856, 21.9640



70.1264, -4.7729, 13.9146



33.9508, 27.2099, 4.0853



32.8465, -2.2691, 7.0232



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.



47.4693, -2.7856, 21.9640



61.5353, -2.4266, 32.3293



51.6990, -17.4625, 24.9055



25.4924, -1.6019, 3.4921



38.7912, 2.3655, 23.9444



4.8083, -0.6050, 2.9523

Inverse Universe

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



32.8390, 5.6212, -31.0027



38.1031, 12.4607, -55.5383



29.4049, 19.4493, -38.8722



24.2021, -0.9651, -0.9531



17.3776, 22.6177, -70.5457



2.8000, 0.4490, -4.4691

Previews

White Background



This preview shows how the HunterLab color 47.4682, -2.7838, 21.9635 looks on a white background.

Color Contrast Check

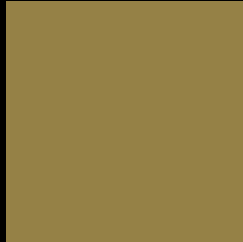
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.4682, -2.7838, 21.9635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

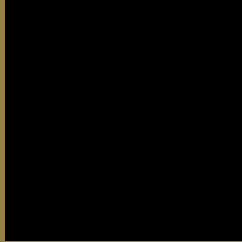
Any Text WCAG AA ✓ Pass

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 47.4682, -2.7838, 21.9635 Background



This preview shows how black text looks on a background with the HunterLab color 47.4682, -2.7838, 21.9635.



This preview shows how white text looks on a background with the HunterLab color 47.4682, -2.7838,

21.9635.

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

47.4682, -2.7838, 21.9635

Protanopia

47.5571, -5.3228, 21.7794

Deuteranopia

47.5350, 3.0622, 21.9090



Tritanopia

47.4619, 9.3617, 2.5857

Trichromacy



Original Color

47.4682, -2.7838, 21.9635

Protanomaly

47.4670, -4.1944, 21.7295

Deuteranomaly

47.3757, 1.1455, 21.7523

Tritanomaly

47.4802, 4.2451, 11.2647

Monochromacy



Original Color

47.4682, -2.7838, 21.9635

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.6199, -2.9926, 10.9843

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.4682, -2.7838, 21.9635 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, 129, 70)` looks like.

```
.text, #text, p{  
    color:rgb(149, 129, 70)  
}
```

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, 129, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 129, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 47.4682, -2.7838, 21.9635 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, 129, 70) }
```


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

```
.border{ border-color:rgb(149, 129, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 129, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 129, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 129, 70);  
box-shadow:4px 4px 4px 4px rgb(149, 129,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.4682, -2.7838, 21.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 129, 70) }
```

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

```
.background{ background-color: rgb(149,  
129, 70) }
```

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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