

Converting Colors

HunterLab(47.7083, -7.4213,
18.6801)

Have a look what the booklet for
HunterLab(47.7083, -7.4213,
18.6801) contains.

| | |
|---|----|
| HunterLab(47.6962, -7.3332, 18.5784) | 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(47.6962, -7.3332,
18.5784)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 898555 |
| RGB | 137, 133, 85 |
| RGB Percent | 54%, 52%, 33% |
| CMY | 0.4627, 0.4784, 0.6667 |
| CMYK | 0.00, 0.03, 0.38, 0.46 |
| HSL | 55°, 23%, 44% |
| HSV | 55°, 38%, 54% |
| XYZ | 20.3437, 22.7493, 11.9131 |
| YIQ | 128.7240, 17.7920, -14.0800 |

Conversions

Conversions Part 2

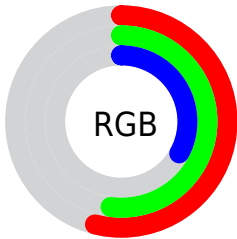
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 89, 137, 85 |
| Decimal | 9012565 |
| CIE Lab | 54.81, -6.14, 26.43 |
| CIE LCh | 55, 27.139, 103.080 |
| Yxy | 22.7503, 0.3698, 0.4136 |
| Android (android.graphics.Color) | 4287202645 (0xFF898555) |
| YUV | 128.7240, -21.5559, 7.2581 |
| Hunter-Lab | 47.6962, -7.3332, 18.5784 |

Details

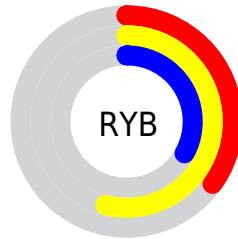
The HunterLab color $47.6962, -7.3332, 18.5784$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $32.9877, 6.3065, -22.1001$, and the grayscale version is $46.8231, -2.4984, 2.5440$.

A 20% lighter version of the original color is $69.2412, -9.2431, 22.8769$, and $29.0956, -5.6766, 13.9178$ is the 20% darker color. If you saturate the color by 10%, you get $47.1872, -8.0256, 21.3820$, and if you desaturate by 10%, it is $48.2487, -6.4209, 15.2043$.

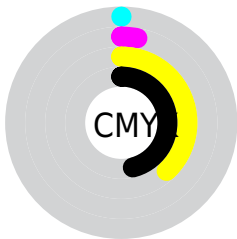
Distribution



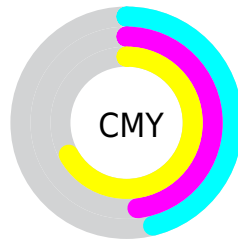
- Red (54%)
- Green (52%)
- Blue (33%)



- Red (35%)
- Yellow (54%)
- Blue (33%)



- Cyan (0%)
- Magenta (3%)
- Yellow (38%)
- Black (46%)



- Cyan (46%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.6962, -7.3332, 18.5784 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 47.6962, -7.3332, 18.5784 by changing the saturation by 10% instead.

47.6962, -7.3332,
18.5784

47.6962, -7.3332,
18.5784

163.2299,
-16.0144, 36.2427

37.9595, -6.4490,
16.3206

69.2698, -9.1452,
22.8112

28.9928, -5.5715,
13.9226

81.0206, -10.0738,
24.8287

20.8704, -4.6952,
11.3303

93.3698, -11.0193,
26.7998

13.6911, -3.8068,
9.5838

106.2894,
-11.9824, 28.7345

7.3004, -4.0558,
5.1103

119.7555,
-12.9634, 30.6406

0.0000, NaN, NaN

0.0000, NaN, NaN

133.7466,

-13.9623, 32.5243

0.0000, NaN, NaN

148.2438,
-14.9794, 34.3903

0.0000, NaN, NaN

■ 47.6962, -7.3332,
18.5784

■ 47.6962, -7.3332,
18.5784

■ 47.1872, -8.0256,
21.3820

■ 48.2487, -6.4209,
15.2043

■ 46.7172, -8.4987,
23.6250

■ 48.8423, -5.2813,
11.2531

■ 46.2855, -8.7624,
25.3276

■ 49.4787, -3.9157,
6.7262

■ 45.8899, -8.8283,
26.5182

■ 50.1583, -2.3254,
1.6293

■ 45.5276, -8.7125,
27.2371

■ 50.8812, -0.5138,
-4.0274

■ 45.1910, -8.4570,
27.5929

■ 51.6471, 1.5145,
-10.2303

■ 45.1229, -8.4014,
27.6574

■ 52.4559, 3.7536,
-16.9628

■ 53.3071, 6.1967,
-24.2060

■ 54.2000, 8.8360,
-31.9390

Harmonies

Analogous

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



47.6973, 3.8985, 18.3592



47.6962, -7.3332, 18.5784



47.6973, -16.4132, 15.2907

Triad

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



47.6973, -7.3347, 18.5789



47.6973, -17.3116, -13.6651



47.6973, 19.9094, -3.7747

Complementary

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



47.6962, -7.3332, 18.5784



32.9877, 6.3065, -22.1001

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.



47.6973, 13.1087, -14.9679



47.6962, -7.3332, 18.5784



47.6973, -8.6685, -21.5216

Square

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



47.6973, -7.3347, 18.5789



47.6973, -21.8042, -2.2881



47.6973, 2.4362, -22.0470



47.6973, 20.3508, 7.0132

Rectangle

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



47.6962, -7.3332, 18.5784



47.6973, -20.3080, 10.9885



47.6973, 2.4362, -22.0470



47.6973, 18.2644, -7.6671

Sweetspot

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



47.6973, -7.3347, 18.5789



65.9268, -5.8741, 11.0773



35.4154, 15.5532, 6.1489



31.1764, -2.8827, 5.5786



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



47.6973, -7.3347, 18.5789



63.2085, -10.6656, 28.2932



47.1325, -15.4499, 17.9608



24.0423, -1.9915, 3.5533



43.5588, -8.1222, 26.6986



3.6758, -0.8510, 2.2501

Inverse Universe

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



32.9877, 6.3065, -22.1001



39.2219, 12.2415, -39.6862



33.7766, 13.7539, -20.4901



22.2487, -0.3966, -1.2363



13.7973, 31.7008, -85.6784



1.4030, 1.6407, -5.2955

Previews

White Background



This preview shows how the HunterLab color 47.6962, -7.3332, 18.5784 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 47.6962, -7.3332, 18.5784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

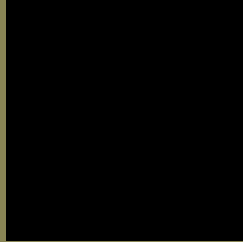
Any Text WCAG AA ✓ Pass

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 47.6962, -7.3332, 18.5784 Background



This preview shows how black text looks on a background with the HunterLab color 47.6962, -7.3332, 18.5784.



This preview shows how white text looks on a background with the HunterLab color 47.6962, -7.3332,

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

47.6962, -7.3332, 18.5784

Protanopia

47.6575, -4.5798, 18.8513

Deuteranopia

47.4589, 3.2975, 18.0370



Tritanopia

47.7750, 3.9434, 0.1365

Trichromacy



Original Color

47.6962, -7.3332, 18.5784

Protanomaly

47.7549, -5.6896, 18.9133

Deuteranomaly

47.5334, -0.6559, 18.2967

Tritanomaly

47.6143, -0.4571, 7.9893

Monochromacy



Original Color

47.6962, -7.3332, 18.5784

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

46.9713, -4.3757, 9.1469

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.6962, -7.3332, 18.5784 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(137, 133, 85)` looks like.

```
.text, #text, p{  
    color:rgb(137, 133, 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(137, 133, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 133, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 47.6962, -7.3332, 18.5784 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(137, 133, 85) }
```


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

```
.border{ border-color:rgb(137, 133, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 133, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 133, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 133, 85);  
box-shadow:4px 4px 4px 4px rgb(137, 133,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.6962, -7.3332, 18.5784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 133, 85) }
```

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

```
.background{ background-color: rgb(137,  
133, 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](#).

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