

Converting Colors

HunterLab(47.9916, -7.3147,
3.5970)

Have a look what the booklet for
HunterLab(47.9916, -7.3147, 3.5970)
contains.

HunterLab(47.9352, -7.5062, 3.7175)	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(47.9352, -7.5062,
3.7175)

Conversions

Conversions Part 1

Format	Color
Hex	798781
RGB	121, 135, 129
RGB Percent	47%, 53%, 51%
CMY	0.5255, 0.4706, 0.4941
CMYK	0.10, 0.00, 0.04, 0.47
HSL	154°, 6%, 50%
HSV	154°, 10%, 53%
XYZ	20.5115, 22.9778, 24.1229
YIQ	130.1300, -6.4180, -4.8340

Conversions

Conversions Part 2

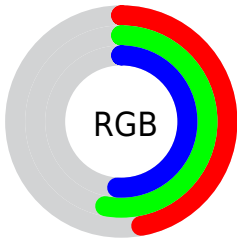
Format	Color
R_{YB}	121, 130, 135
Decimal	7964545
CIE Lab	55.05, -6.34, 1.48
CIE LCh	55, 6.510, 166.851
Yxy	22.9788, 0.3034, 0.3399
Android (android.graphics.Color)	4286154625 (0xFF798781)
YUV	130.1300, -0.5571, -8.0070
Hunter-Lab	47.9352, -7.5062, 3.7175

Details

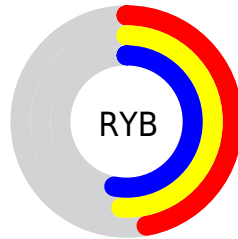
The HunterLab color $47.9352, -7.5062, 3.7175$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $45.1204, 2.7744, 1.4660$, and the grayscale version is $47.3030, -2.5240, 2.5701$.

A 20% lighter version of the original color is $69.4464, -9.3101, 4.8460$, and $29.0756, -5.6430, 2.3414$ is the 20% darker color. If you saturate the color by 10%, you get $46.8200, -11.8743, 4.8236$, and if you desaturate by 10%, it is $49.1749, -2.8070, 2.7099$.

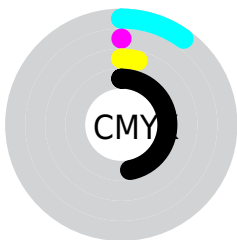
Distribution



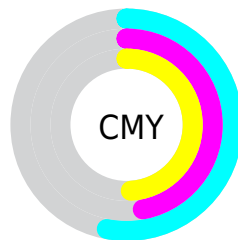
- Red (47%)
- Green (53%)
- Blue (51%)



- Red (47%)
- Yellow (51%)
- Blue (53%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9352, -7.5062, 3.7175 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 47.9352, -7.5062, 3.7175 by changing the saturation by 10% instead.

■ 47.9352, -7.5062,
3.7175

■ 47.9352, -7.5062,
3.7175

163.5898,
-16.2724, 10.5855

■ 38.1810, -6.6092,
3.1042

■ 69.5403, -9.3399,
5.0439

■ 29.1953, -5.7184,
2.5247

■ 81.3056, -10.2787,
5.7529

■ 21.0519, -4.8276,
1.9814

■ 93.6685, -11.2340,
6.4911

■ 13.8489, -3.9229,
1.4755

106.6014,
-12.2064, 7.2573

■ 7.4774, -4.0938,
1.2281

120.0801,
-13.1963, 8.0507

0.0000, NaN, NaN

134.0834,

0.0000, NaN, NaN

-14.2039, 8.8704

0.0000, NaN, NaN

148.5923,
-15.2292, 9.7156

0.0000, NaN, NaN

■ 47.9352, -7.5062,
3.7175

■ 47.9352, -7.5062,
3.7175

■ 46.8200, -11.8743,
4.8236

■ 49.1749, -2.8070,
2.7099

■ 45.8289, -15.8699,
6.0182

■ 50.5324, 2.1864,
1.8039

■ 44.9644, -19.4595,
7.2913

■ 52.0045, 7.4338,
1.0027

■ 44.2263, -22.6145,
8.6297

■ 53.5863, 12.8977,
0.3070

■ 43.6127, -25.3154,
10.0174

■ 55.2725, 18.5435,
-0.2846

■ 43.1197, -27.5540,
11.4364

■ 57.0579, 24.3401,
-0.7747

■ 42.7408, -29.3364,
12.8670

■ 58.9372, 30.2601,
-1.1672

■ 42.4668, -30.6856,
14.2883

■ 60.9050, 36.2796,
-1.4664

■ 42.2688, -31.7040,
15.6076

■ 62.9563, 42.3786,
-1.6774

Harmonies

Analogous

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



47.9362, -6.2860, 5.8625



47.9352, -7.5062, 3.7175



47.9362, -7.4240, 1.1569

Triad

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



47.9362, -7.5072, 3.7182



47.9362, -1.0475, -2.3571



47.9362, 1.0387, 6.0712

Complementary

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



47.9352, -7.5062, 3.7175



45.1204, 2.7744, 1.4660

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.



47.9362, 2.5053, 4.0176



47.9352, -7.5062, 3.7175



47.9362, 1.2827, -0.8892

Square

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



47.9362, -7.5072, 3.7182



47.9362, -3.7346, -2.4482



47.9362, 2.5956, 1.4732



47.9362, -1.3747, 7.1695

Rectangle

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



47.9352, -7.5062, 3.7175



47.9362, -6.6405, -0.4451



47.9362, 2.5956, 1.4732



47.9362, 1.6611, 5.4750

Sweetspot

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



47.9362, -7.5072, 3.7182



65.3421, -5.4925, 3.9768



48.1940, -7.0109, 7.3198



31.3842, -2.8728, 1.9615



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.



47.9362, -7.5072, 3.7182



63.8512, -11.1904, 5.2465



47.8370, -6.1259, 0.9588



22.9042, -3.3020, 1.7079



40.5920, -30.4233, 14.9387



2.4197, -1.6038, 0.4378

Inverse Universe

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



45.1204, 2.7744, 1.4660



59.4043, 5.0515, 1.6922



45.2046, 1.4253, 4.1539



21.7242, 1.0059, 0.7637



22.4340, 39.6805, 4.7161



1.3730, 2.5257, -0.4652

Previews

White Background



This preview shows how the HunterLab color 47.9352, -7.5062, 3.7175 looks on a white background.

Color Contrast Check

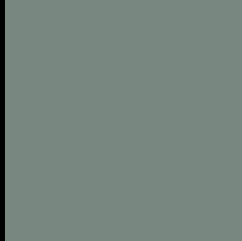
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.9352, -7.5062, 3.7175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

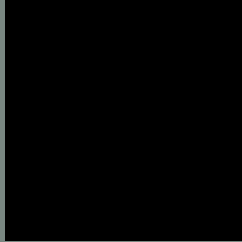
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

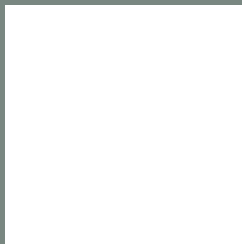
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.9352, -7.5062, 3.7175 Background



This preview shows how black text looks on a background with the HunterLab color 47.9352, -7.5062, 3.7175.



This preview shows how white text looks on a background with the HunterLab color 47.9352, -7.5062,

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

47.9352, -7.5062, 3.7175

Protanopia

47.8705, -1.9678, 4.5946

Deuteranopia

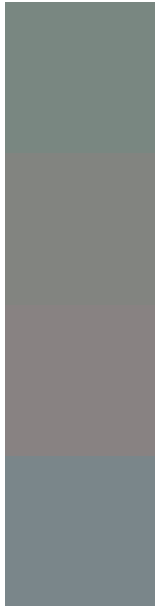
47.7883, 3.6372, 2.8698



Tritanopia

47.9262, -3.7430, -2.6820

Trichromacy



Original Color

47.9352, -7.5062, 3.7175

Protanomaly

47.7565, -3.7609, 4.0074

Deuteranomaly

47.7611, -0.7426, 3.2002

Tritanomaly

47.9820, -5.3300, -0.2384

Monochromacy



Original Color

47.9352, -7.5062, 3.7175

Achromatopsia

47.2470, -2.5210, 2.5670

Achromatomaly

47.5671, -4.3143, 2.9112

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9352, -7.5062, 3.7175 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(121, 135, 129)` looks like.

```
.text, #text, p{  
    color:rgb(121, 135, 129)  
}
```

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(121, 135, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 135, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9352, -7.5062, 3.7175 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(121, 135, 129) }
```


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

```
.border{ border-color:rgb(121, 135, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 135, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 135, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 135, 129);  
box-shadow:4px 4px 4px 4px rgb(121, 135,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9352, -7.5062, 3.7175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 135, 129) }
```

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

```
.background{ background-color: rgb(121,  
135, 129) }
```

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