

Converting Colors

HunterLab(47.5012, -1.4666,
2.1241)

Have a look what the booklet for
HunterLab(47.5012, -1.4666, 2.1241)
contains.

HunterLab(47.5581, -1.3283, 2.0670)	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(47.5581, -1.3283,
2.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	858284
RGB	133, 130, 132
RGB Percent	52%, 51%, 52%
CMY	0.4784, 0.4902, 0.4823
CMYK	0.00, 0.02, 0.01, 0.48
HSL	320°, 1%, 52%
HSV	320°, 2%, 52%
XYZ	21.8203, 22.6177, 25.0453
YIQ	131.1250, 1.1460, 1.2580

Conversions

Conversions Part 2

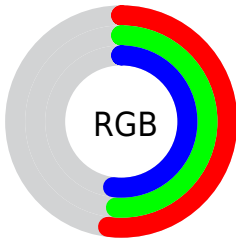
Format	Color
R_{YB}	133, 130, 132
Decimal	8749700
CIE _{Lab}	54.68, 1.52, -0.69
CIE _{LCh}	55, 1.664, 335.674
Yxy	22.6187, 0.3140, 0.3255
Android (android.graphics.Color)	4286939780 (0xFF858284)
YUV	131.1250, 0.4314, 1.6444
Hunter-Lab	47.5581, -1.3283, 2.0670

Details

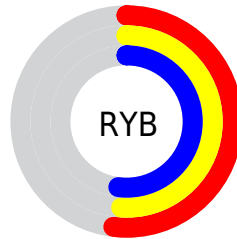
The HunterLab color $47.5581, -1.3283, 2.0670$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.1250, -3.7648, 3.1326$, and the grayscale version is $47.6891, -2.5446, 2.5910$.

A 20% lighter version of the original color is $69.1440, -2.4042, 3.2064$, and $28.9728, -0.4294, 1.0984$ is the 20% darker color. If you saturate the color by 10%, you get $43.8032, 4.3050, -0.3722$, and if you desaturate by 10%, it is $51.4906, -6.8526, 4.5992$.

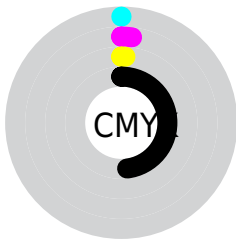
Distribution



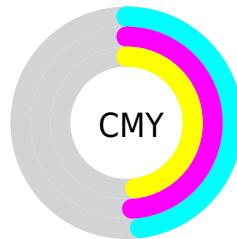
- Red (52%)
- Green (51%)
- Blue (52%)



- Red (52%)
- Yellow (51%)
- Blue (52%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.5581, -1.3283, 2.0670 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 47.5581, -1.3283, 2.0670 by changing the saturation by 10% instead.

■ 47.5581, -1.3283,
2.0670

■ 47.5581, -1.3283,
2.0670

163.0216, -6.8867,
8.0906

■ 37.8315, -0.8979,
1.5761

■ 69.1133, -2.3215,
3.1726

■ 28.8758, -0.5151,
1.1296

■ 80.8558, -2.8757,
3.7804

■ 20.7655, -0.1872,
0.7334

■ 93.1969, -3.4654,
4.4223

■ 13.6001, 0.0764,
0.3945

106.1089, -4.0886,
5.0966

■ 7.1959, 0.5338,
-0.0031

119.5677, -4.7437,
5.8018

0.0000, NaN, NaN

133.5517, -5.4292,

0.0000, NaN, NaN

6.5366

0.0000, NaN, NaN

148.0421, -6.1439,
7.2999

0.0000, NaN, NaN

■ 47.5581, -1.3283,
2.0670

■ 47.5581, -1.3283,
2.0670

■ 43.8032, 4.3050,
-0.3722

■ 51.4906, -6.8526,
4.5992

■ 40.2501, 10.0379,
-2.6864

■ 55.5751, -12.2658,
7.1984

■ 36.9334, 15.8314,
-4.8248

■ 59.7946, -17.5775,
9.8498

■ 33.8932, 21.6060,
-6.7167

■ 64.1339, -22.7993,
12.5424

■ 31.1758, 27.2200,
-8.2671

■ 68.5809, -27.9435,
15.2690

■ 28.8321, 32.4510,
-9.3576

■ 73.1254, -33.0220,
18.0245

■ 26.9111, 36.9948,
-9.8607

■ 77.7587, -38.0457,
20.8056

■ 25.4508, 40.5074,
-9.6713

■ 82.4736, -43.0246,
23.6098

■ 24.4624, 42.7063,
-8.7551

■ 87.2641, -47.9672,
26.4354

Harmonies

Analogous

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



47.5591, -1.7667, 1.5557



47.5581, -1.3283, 2.0670



47.5591, -1.2174, 2.7130

Triad

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



47.5591, -1.3294, 2.0678



47.5591, -2.6708, 3.8234



47.5591, -3.6094, 1.8495

Complementary

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



47.5581, -1.3283, 2.0670



48.1250, -3.7648, 3.1326

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.



47.5591, -3.8487, 2.4643



47.5581, -1.3283, 2.0670



47.5591, -3.3088, 3.5992

Square

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



47.5591, -1.3294, 2.0678



47.5591, -1.9943, 3.7206



47.5591, -3.7389, 3.1039



47.5591, -3.0836, 1.4284

Rectangle

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



47.5581, -1.3283, 2.0670



47.5591, -1.3427, 3.1305



47.5591, -3.7389, 3.1039



47.5591, -3.7259, 2.0406

Sweetspot

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



47.5591, -1.3294, 2.0678



64.2792, -2.6972, 3.1783



47.4184, -1.7579, 1.4420



30.5275, -1.3054, 1.5199



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



47.5591, -1.3294, 2.0678



63.2250, -1.1706, 2.4961



47.5163, -1.5631, 2.6786



22.7649, -0.2661, 0.8332



23.3074, 42.8432, -7.6407



1.4205, 2.6948, -1.1141

Inverse Universe

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



47.5591, -1.3294, 2.0678



63.2250, -1.1706, 2.4961



48.1675, -3.5311, 2.5263



22.7649, -0.2661, 0.8332



23.3074, 42.8432, -7.6407



1.4205, 2.6948, -1.1141

Previews

White Background



This preview shows how the HunterLab color 47.5581, -1.3283, 2.0670 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 47.5581, -1.3283, 2.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

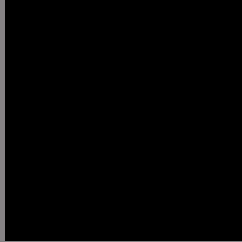
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

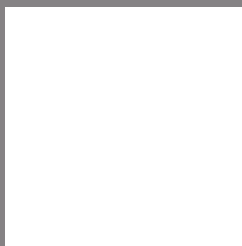
Any Text WCAG AAA × Fail

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

HunterLab 47.5581, -1.3283, 2.0670 Background



This preview shows how black text looks on a background with the HunterLab color 47.5581, -1.3283, 2.0670.



This preview shows how white text looks on a background with the HunterLab color 47.5581, -1.3283,

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

47.5581, -1.3283, 2.0670

Protanopia

47.5581, -1.3283, 2.0670

Deuteranopia

47.5636, 2.9983, 1.6999



Tritanopia

47.5741, 0.5734, -1.1165

Trichromacy



Original Color

47.5581, -1.3283, 2.0670

Protanomaly

47.5581, -1.3283, 2.0670

Deuteranomaly

47.5613, 1.5877, 1.6724

Tritanomaly

47.4831, 0.0803, 0.1759

Monochromacy



Original Color

47.5581, -1.3283, 2.0670

Achromatopsia

47.6409, -2.5420, 2.5884

Achromatomaly

47.7251, -2.2496, 2.6925

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.5581, -1.3283, 2.0670 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(133, 130, 132)` looks like.

```
.text, #text, p{  
    color:rgb(133, 130, 132)  
}
```

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(133, 130, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 130, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 47.5581, -1.3283, 2.0670 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(133, 130, 132) }
```


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

```
.border{ border-color:rgb(133, 130, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 130, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 130, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 130, 132);  
box-shadow:4px 4px 4px 4px rgb(133, 130,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.5581, -1.3283, 2.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 130, 132) }
```

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

```
.background{ background-color: rgb(133,  
130, 132) }
```

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