

Converting Colors

HunterLab(47.1322, -15.6538,
2.4996)

Have a look what the booklet for
HunterLab(47.1322, -15.6538,
2.4996) contains.

HunterLab(46.9990, -15.5368, 2.4883)	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(46.9990,
-15.5368, 2.4883)**

Conversions

Conversions Part 1

Format	Color
Hex	5D8A81
RGB	93, 138, 129
RGB Percent	36%, 54%, 51%
CMY	0.6353, 0.4588, 0.4941
CMYK	0.33, 0.00, 0.07, 0.46
HSL	168°, 19%, 45%
HSV	168°, 33%, 54%
XYZ	17.5651, 22.0891, 24.1067
YIQ	123.5190, -23.9310, -12.3390

Conversions

Conversions Part 2

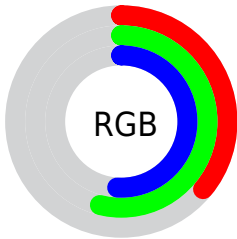
Format	Color
R_{YB}	93, 118, 138
Decimal	6130305
CIE _{Lab}	54.12, -17.45, -0.09
CIE _{LCh}	54, 17.448, 180.302
Yxy	22.0900, 0.2755, 0.3464
Android (android.graphics.Color)	4284320385 (0xFF5D8A81)
YUV	123.5190, 2.7021, -26.7652
Hunter-Lab	46.9990, -15.5368, 2.4883

Details

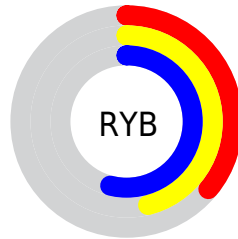
The HunterLab color $[46.9990, -15.5368, 2.4883]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[37.6721, 13.6509, 3.6672]$, and the grayscale version is $[44.7047, -2.3853, 2.4289]$.

A 20% lighter version of the original color is $[68.6268, -18.7346, 3.7247]$, and $[28.4501, -12.2910, 1.4994]$ is the 20% darker color. If you saturate the color by 10%, you get $[46.2182, -18.6572, 2.7270]$, and if you desaturate by 10%, it is $[47.9068, -12.0112, 2.3987]$.

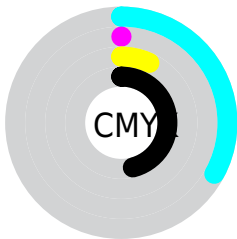
Distribution



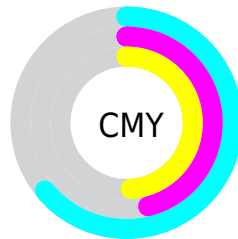
- Red (36%)
- Green (54%)
- Blue (51%)



- Red (36%)
- Yellow (46%)
- Blue (54%)



- Cyan (33%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.9990, -15.5368, 2.4883 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 46.9990, -15.5368, 2.4883 by changing the saturation by 10% instead.

■ 46.9990, -15.5368,
2.4883

■ 46.9990, -15.5368,
2.4883

162.1776,
-29.0058, 8.7230

■ 37.3136, -13.9378,
1.9668

■ 68.4797, -18.6197,
3.6489

■ 28.4027, -12.2743,
1.4874

■ 80.1880, -20.1253,
4.2820

■ 20.3419, -10.5135,
1.0547

■ 92.4967, -21.6169,
4.9479

■ 13.2326, -8.5956,
0.6748

■ 105.3777,
-23.0996, 5.6452

■ 6.7555, -11.6149,
0.3112

118.8066,
-24.5773, 6.3725

0.0000, NaN, NaN

0.0000, NaN, NaN

132.7621,

-26.0527, 7.1285

0.0000, NaN, NaN

147.2248,
-27.5283, 7.9124

0.0000, NaN, NaN

■ 46.9990, -15.5368,
2.4883

■ 46.9990, -15.5368,
2.4883

■ 46.2182, -18.6572,
2.7270

■ 47.9068, -12.0112,
2.3987

■ 45.5603, -21.3509,
3.1088

■ 48.9385, -8.1055,
2.4570

■ 45.0231, -23.6085,
3.6271

■ 50.0933, -3.8524,
2.6620

■ 44.6016, -25.4315,
4.2710

■ 51.3685, 0.7132,
3.0093

■ 44.2880, -26.8354,
5.0261

■ 52.7604, 5.5552,
3.4930

■ 44.0717, -27.8521,
5.8742

■ 54.2648, 10.6381,
4.1054

■ 43.9456, -28.4673,
6.5245

■ 55.8769, 15.9282,
4.8386

■ 57.5918, 21.3940,
5.6836

■ 59.4042, 27.0073,
6.6317

Harmonies

Analogous

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



47.0000, -13.9142, 8.6121



46.9990, -15.5368, 2.4883



47.0000, -13.8484, -4.5641

Triad

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



47.0000, -15.5374, 2.4889



47.0000, 4.6622, -10.2549



47.0000, 4.5285, 12.5984

Complementary

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



46.9990, -15.5368, 2.4883



37.6721, 13.6509, 3.6672

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.



47.0000, 10.0162, 8.7155



46.9990, -15.5368, 2.4883



47.0000, 10.0965, -4.4260

Square

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



47.0000, -15.5374, 2.4889



47.0000, -2.4374, -12.5646



47.0000, 12.1110, 2.6276



47.0000, -2.5832, 13.8898

Rectangle

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



46.9990, -15.5368, 2.4883



47.0000, -11.0094, -8.7129



47.0000, 12.1110, 2.6276



47.0000, 6.6392, 11.5849

Sweetspot

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



47.0000, -15.5374, 2.4889



65.3248, -9.4491, 3.3097



46.7300, -18.2548, 15.3354



30.8528, -4.7907, 1.5554



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.



47.0000, -15.5374, 2.4889



61.6321, -23.6763, 3.5133



43.4667, -8.4408, -6.1630



23.8155, -3.2219, 1.2126



42.0808, -27.2427, 6.2118



3.4591, -2.0434, 0.0876

Inverse Universe

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



37.6721, 13.6509, 3.6672



46.7571, 23.1387, 5.5339



40.5596, 6.4154, 9.9661



22.5031, 0.8451, 1.3583



22.4299, 38.7549, 11.8344



1.8747, 3.3298, 0.2870

Previews

White Background



This preview shows how the HunterLab color 46.9990, -15.5368, 2.4883 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 46.9990, -15.5368, 2.4883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

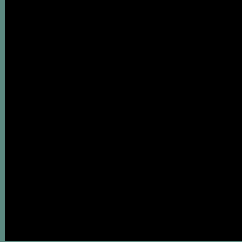
Any Text WCAG AA ✓ Pass

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 46.9990, -15.5368, 2.4883 Background



This preview shows how black text looks on a background with the HunterLab color 46.9990, -15.5368, 2.4883.



This preview shows how white text looks on a background with the HunterLab color 46.9990,

-15.5368, 2.4883.

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

46.9990, -15.5368, 2.4883

Protanopia

46.6895, -1.9066, 4.5215

Deuteranopia

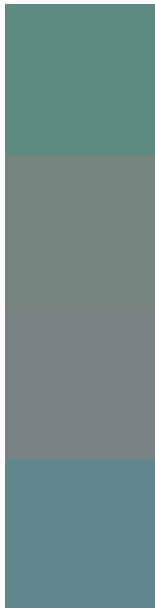
46.8066, 3.1830, 1.2460



Tritanopia

46.8451, -10.4113, -5.7350

Trichromacy



Original Color

46.9990, -15.5368, 2.4883

Protanomaly

46.7551, -7.4195, 3.6499

Deuteranomaly

46.7064, -4.3546, 1.4462

Tritanomaly

46.8920, -12.1651, -2.6892

Monochromacy



Original Color

46.9990, -15.5368, 2.4883

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.5166, -7.3929, 2.2060

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.9990, -15.5368, 2.4883 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(93, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(93, 138, 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(93, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 138, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 46.9990, -15.5368, 2.4883 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(93, 138, 129) }
```


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

```
.border{ border-color:rgb(93, 138, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(93, 138,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.9990, -15.5368, 2.4883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 138, 129) }
```

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

```
.background{ background-color: rgb(93, 138,  
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