

Converting Colors

HunterLab(47.9320, -15.3667,
4.8576)

Have a look what the booklet for
HunterLab(47.9320, -15.3667,
4.8576) contains.

HunterLab(47.9290, -15.3511, 4.8474)	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(47.9290,
-15.3511, 4.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	648C7E
RGB	100, 140, 126
RGB Percent	39%, 55%, 49%
CMY	0.6078, 0.4510, 0.5059
CMYK	0.29, 0.00, 0.10, 0.45
HSL	159°, 17%, 47%
HSV	159°, 29%, 55%
XYZ	18.3995, 22.9719, 23.2029
YIQ	126.4440, -19.3460, -12.8340

Conversions

Conversions Part 2

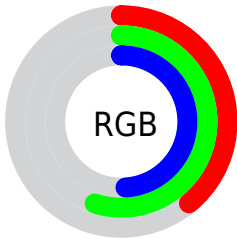
Format	Color
R_{YB}	100, 124, 140
Decimal	6589566
CIE _{Lab}	55.04, -16.98, 3.03
CIE _{LCh}	55, 17.249, 169.887
Y _{xy}	22.9728, 0.2849, 0.3557
Android (android.graphics.Color)	4284779646 (0xFF648C7E)
YUV	126.4440, -0.2189, -23.1914
Hunter-Lab	47.9290, -15.3511, 4.8474

Details

The HunterLab color $47.9290, -15.3511, 4.8474$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $39.8815, 12.6084, 1.1271$, and the grayscale version is $45.8578, -2.4469, 2.4915$.

A 20% lighter version of the original color is $69.6517, -18.4134, 6.2934$, and $29.2437, -12.3500, 3.5686$ is the 20% darker color. If you saturate the color by 10%, you get $47.0303, -19.0190, 5.8015$, and if you desaturate by 10%, it is $48.9598, -11.2741, 4.0104$.

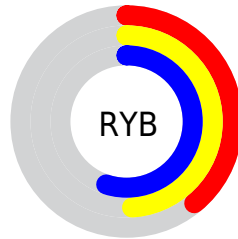
Distribution



Red (39%)

Green (55%)

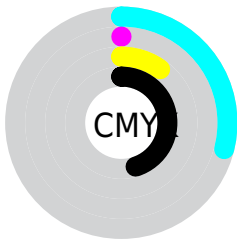
Blue (49%)



Red (39%)

Yellow (49%)

Blue (55%)

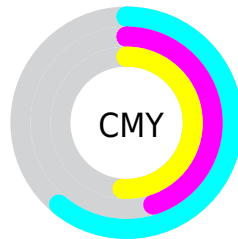


Cyan (29%)

Magenta (0%)

Yellow (10%)

Black (45%)



Cyan (61%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.9290, -15.3511, 4.8474 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 47.9290, -15.3511, 4.8474 by changing the saturation by 10% instead.

■ 47.9290, -15.3511,
4.8474

■ 47.9290, -15.3511,
4.8474

163.5804,
-28.6107, 12.3225

■ 38.1752, -13.7871,
4.1450

■ 69.5332, -18.3751,
6.3335

■ 29.1900, -12.1638,
3.4683

■ 81.2982, -19.8549,
7.1154

■ 21.0471, -10.4513,
2.8167

■ 93.6608, -21.3226,
7.9227

■ 13.8448, -8.5952,
2.1867

■ 106.5933,
-22.7830, 8.7550

■ 7.4729, -10.3011,
2.0869

120.0716,
-24.2395, 9.6117

0.0000, NaN, NaN

134.0746,

0.0000, NaN, NaN

-25.6949, 10.4921

0.0000, NaN, NaN

148.5832,
-27.1514, 11.3959

0.0000, NaN, NaN

■ 47.9290, -15.3511,
4.8474

■ 47.9290, -15.3511,
4.8474

■ 47.0303, -19.0190,
5.8015

■ 48.9598, -11.2741,
4.0104

■ 46.2606, -22.2473,
6.8611

■ 50.1182, -6.8205,
3.2951

■ 45.6190, -25.0172,
8.0139

■ 51.4026, -2.0291,
2.7061

■ 45.1015, -27.3204,
9.2444

■ 52.8093, 3.0605,
2.2443

■ 44.7017, -29.1628,
10.5343

■ 54.3339, 8.4089,
1.9087

■ 44.4103, -30.5667,
11.8629

■ 55.9714, 13.9787,
1.6960

■ 44.2011, -31.6292,
13.1941

■ 57.7166, 19.7351,
1.6019

■ 44.1727, -31.7740,
13.3789

■ 59.5641, 25.6470,
1.6207

■ 61.5084, 31.6865,
1.7464

Harmonies

Analogous

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



47.9300, -12.6230, 10.2902



47.9290, -15.3511, 4.8474



47.9300, -14.8098, -2.0541

Triad

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



47.9300, -15.3518, 4.8480



47.9300, 2.2046, -11.3833



47.9300, 6.6190, 11.5681

Complementary

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



47.9290, -15.3511, 4.8474



39.8815, 12.6084, 1.1271

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.



47.9300, 11.0588, 6.8460



47.9290, -15.3511, 4.8474



47.9300, 8.4085, -6.6007

Square

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



47.9300, -15.3518, 4.8480



47.9300, -4.9492, -12.1266



47.9300, 11.7322, 0.2564



47.9300, -0.1231, 13.7763

Rectangle

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



47.9290, -15.3511, 4.8474



47.9300, -12.6550, -6.5536



47.9300, 11.7322, 0.2564



47.9300, 8.4465, 10.2575

Sweetspot

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



47.9300, -15.3518, 4.8480



66.4455, -9.4349, 4.4290



48.2696, -15.2991, 14.6660



31.7949, -4.9114, 2.1818



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



47.9300, -15.3518, 4.8480



62.8854, -23.4429, 7.1975



46.7320, -10.7069, -2.8711



23.7894, -3.3667, 1.5840



41.6421, -29.9223, 12.5447



3.4348, -2.1903, 0.4350

Inverse Universe

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



39.8815, 12.6084, 1.1271



50.0653, 21.2502, 1.3612



40.8257, 8.1378, 7.7891



22.5291, 0.9853, 0.9868



22.7037, 39.7641, 7.8236



1.9189, 3.4901, -0.3404

Previews

White Background



This preview shows how the HunterLab color 47.9290, -15.3511, 4.8474 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 47.9290, -15.3511, 4.8474 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 47.9290, -15.3511, 4.8474 Background



This preview shows how black text looks on a background with the HunterLab color 47.9290, -15.3511, 4.8474.



This preview shows how white text looks on a background with the HunterLab color 47.9290,

-15.3511, 4.8474.

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

47.9290, -15.3511, 4.8474

Protanopia

47.7989, -2.5338, 6.9712

Deuteranopia

47.7320, 3.3363, 3.6727



Tritanopia

47.9924, -9.1660, -5.2001

Trichromacy



Original Color

47.9290, -15.3511, 4.8474

Protanomaly

47.6353, -7.4107, 5.8993

Deuteranomaly

47.6741, -4.0501, 3.9077

Tritanomaly

47.9103, -11.5060, -1.3834

Monochromacy



Original Color

47.9290, -15.3511, 4.8474

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.3906, -7.2360, 3.2318

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.9290, -15.3511, 4.8474 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(100, 140, 126)` looks like.

```
.text, #text, p{  
    color:rgb(100, 140, 126)  
}
```

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(100, 140, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 140, 126) }
```

Border

The CSS property to change the border of an element to HunterLab 47.9290, -15.3511, 4.8474 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(100, 140, 126) }
```


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

```
.border{ border-color:rgb(100, 140, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 140, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 140, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 140, 126);  
box-shadow:4px 4px 4px 4px rgb(100, 140,  
126) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.9290, -15.3511, 4.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 140, 126) }
```

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

```
.background{ background-color: rgb(100,  
140, 126) }
```

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