

# Converting Colors

HunterLab(41.9681, -15.1564,  
0.2853)

Have a look what the booklet for  
HunterLab(41.9681, -15.1564,  
0.2853) contains.

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# Color

**HunterLab(41.8559,  
-15.1403, 0.3556)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B7D78
RGB	75, 125, 120
RGB Percent	29%, 49%, 47%
CMY	0.7059, 0.5098, 0.5294
CMYK	0.40, 0.00, 0.04, 0.51
HSL	174°, 25%, 39%
HSV	174°, 40%, 49%
XYZ	13.6254, 17.5192, 20.4327
YIQ	109.4800, -28.1950, -12.1550

# Conversions

## Conversions Part 2

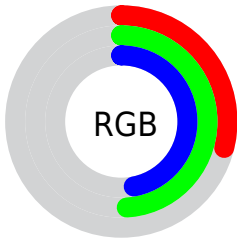
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 101, 125
Decimal	4947320
CIE <sub>Lab</sub>	48.91, -18.09, -2.59
CIE <sub>LCh</sub>	49, 18.277, 188.156
Yxy	17.5199, 0.2642, 0.3397
Android (android.graphics.Color)	4283137400 (0xFF4B7D78)
YUV	109.4800, 5.1864, -30.2390
Hunter-Lab	41.8559, -15.1403, 0.3556

# Details

The HunterLab color  $[41.8559, -15.1403, 0.3556]$  is a dark color, and the websafe version is hex  $336666$ . A complement of this color would be  $[31.5782, 14.9558, 5.4693]$ , and the grayscale version is  $[39.2783, -2.0958, 2.1341]$ .

A 20% lighter version of the original color is  $[62.6538, -18.5591, 1.3478]$ , and  $[24.1474, -11.7223, -0.3791]$  is the 20% darker color. If you saturate the color by 10%, you get  $[41.2725, -17.4434, 0.1674]$ , and if you desaturate by 10%, it is  $[42.5499, -12.4673, 0.6822]$ .

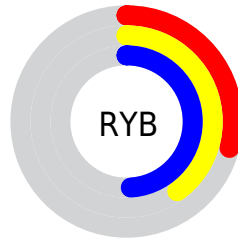
# Distribution



Red (29%)

Green (49%)

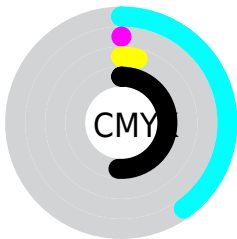
Blue (47%)



Red (29%)

Yellow (40%)

Blue (49%)

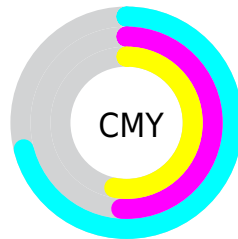


Cyan (40%)

Magenta (0%)

Yellow (4%)

Black (51%)



Cyan (71%)

Magenta (51%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 41.8559, -15.1403, 0.3556 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 41.8559, -15.1403, 0.3556 by changing the saturation by 10% instead.



41.8559, -15.1403,  
0.3556

41.8559, -15.1403,  
0.3556

154.3213,  
-28.9541, 5.4701

32.5666, -13.4667,  
-0.0027

62.6238, -18.3357,  
1.2222

24.0883, -11.7083,  
-0.3041

74.0066, -19.8860,  
1.7209

16.5086, -9.8189,  
-0.5391

86.0060, -21.4170,  
2.2592

9.9503, -8.5203,  
-0.6936

98.5919, -22.9350,  
2.8346

0.0000, NaN, -NF

0.0000, NaN, NaN

111.7380,  
-24.4445, 3.4450

0.0000, NaN, NaN

125.4215,

0.0000, NaN, NaN

-25.9491, 4.0888

0.0000, NaN, NaN

139.6220,  
-27.4516, 4.7643

■ 41.8559, -15.1403,  
0.3556

■ 41.8559, -15.1403,  
0.3556

■ 41.2725, -17.4434,  
0.1674

■ 42.5499, -12.4673,  
0.6822

■ 40.7948, -19.3664,  
0.1140

■ 43.3531, -9.4395,  
1.1444

■ 40.4194, -20.9107,  
0.1910

■ 44.2658, -6.0802,  
1.7390

■ 40.1401, -22.0880,  
0.3900

■ 45.2866, -2.4162,  
2.4605

■ 39.9485, -22.9234,  
0.6984

■ 46.4131, 1.5231,  
3.3018

■ 39.8106, -23.5470,  
1.0714

■ 47.6420, 5.7073,  
4.2546

■ 39.8106, -23.5470,  
1.0715

■ 48.9699, 10.1061,  
5.3101

■ 50.3925, 14.6908,  
6.4593

■ 51.9056, 19.4346,  
7.6934

# Harmonies

## Analogous

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



41.8567, -14.3865, 6.9112



41.8559, -15.1403, 0.3556



41.8567, -12.6269, -6.7541

# Triad

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



41.8567, -15.1407, 0.3562



41.8567, 6.7145, -9.5264



41.8567, 3.0697, 12.7985

# Complementary

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



41.8559, -15.1403, 0.3556



31.5782, 14.9558, 5.4693

# 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.



41.8567, 9.2800, 9.6603



41.8559, -15.1403, 0.3556



41.8567, 11.4819, -2.9531

# Square

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



41.8567, -15.1407, 0.3562



41.8567, -0.2427, -13.0601



41.8567, 12.4513, 4.1135



41.8567, -4.1919, 13.3793



# Rectangle

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



41.8559, -15.1403, 0.3556



41.8567, -9.3284, -10.6009



41.8567, 12.4513, 4.1135



41.8567, 5.3634, 12.0369

# Sweetspot

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



41.8567, -15.1407, 0.3562



58.9423, -9.2035, 2.1295



41.1314, -19.9757, 15.3994



28.0518, -4.6077, 0.9760



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703



# Same Dimension

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



41.8567, -15.1407, 0.3562



55.2894, -23.1031, 0.2381



36.4018, -6.1311, -9.2794



22.0901, -2.8731, 0.8954



40.6697, -24.0598, 1.1047

0.0000, NaN, NaN



# Inverse Universe

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



31.5782, 14.9558, 5.4693



38.8179, 25.6257, 8.6568



35.9217, 5.4410, 11.2424



20.8584, 0.6718, 1.4813



21.3985, 36.7783, 12.7975

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 41.8559, -15.1403, 0.3556 looks on a white 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



# Black Background



This preview shows how the HunterLab color 41.8559, -15.1403, 0.3556 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

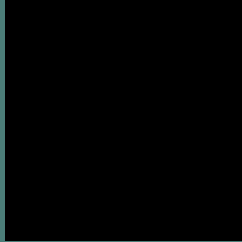
Any Text WCAG AA ✓ Pass

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 41.8559, -15.1403, 0.3556 Background



This preview shows how black text looks on a background with the HunterLab color 41.8559, -15.1403, 0.3556.



This preview shows how white text looks on a background with the HunterLab color 41.8559, -15.1403, 0.3556.

-15.1403, 0.3556.

# 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

41.8559, -15.1403, 0.3556

### Protanopia

41.6268, -1.4963, 2.9494

### Deuteranopia

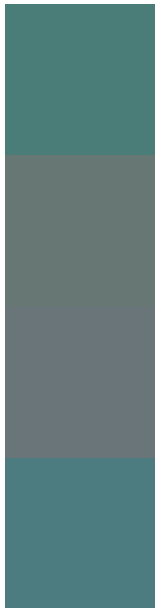
41.5975, 3.0780, -1.0230



## Tritanopia

41.8080, -11.4332, -5.9075

# Trichromacy



## Original Color

41.8559, -15.1403, 0.3556

## Protanomaly

41.5685, -7.3510, 1.9185

## Deuteranomaly

41.4631, -4.4634, -0.8574

## Tritanomaly

41.8946, -12.9651, -3.3134

# Monochromacy



## Original Color

41.8559, -15.1403, 0.3556

## Achromatopsia

39.1058, -2.0866, 2.1247

## Achromatomaly

39.9939, -7.3212, 1.3555

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 41.8559, -15.1403, 0.3556 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(75, 125, 120)` looks like.

```
.text, #text, p{  
    color:rgb(75, 125, 120)  
}
```

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(75, 125, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 125, 120) }
```

## Border

The CSS property to change the border of an element to HunterLab 41.8559, -15.1403, 0.3556 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(75, 125, 120) }
```



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

```
.border{ border-color:rgb(75, 125, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 125, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 125, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 125, 120);  
box-shadow:4px 4px 4px 4px rgb(75, 125,  
120) }
```

# Background

The CSS property to change the background color of an element to HunterLab 41.8559, -15.1403, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 125, 120) }
```

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

```
.background{ background-color: rgb(75, 125,  
120) }
```

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](#).

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