

Converting Colors

HunterLab(37.9644, -15.1936,
1.4041)

Have a look what the booklet for
HunterLab(37.9644, -15.1936,
1.4041) contains.

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Color

**HunterLab(37.9644,
-15.1936, 1.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	40736B
RGB	64, 115, 107
RGB Percent	25%, 45%, 42%
CMY	0.7490, 0.5490, 0.5804
CMYK	0.44, 0.00, 0.07, 0.55
HSL	171°, 28%, 35%
HSV	171°, 44%, 45%
XYZ	10.8989, 14.4130, 16.1174
YIQ	98.8390, -27.8280, -13.3000

Conversions

Conversions Part 2

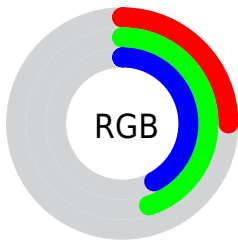
Format	Color
RYB	64, 92, 115
Decimal	4223851
CIELab	44.82, -19.24, -0.94
CIElCh	45, 19.263, 182.784
Yxy	14.4135, 0.2631, 0.3479
Android (android.graphics.Color)	4282413931 (0xFF40736B)
YUV	98.8390, 4.0234, -30.5538
Hunter-Lab	37.9644, -15.1936, 1.4041

Details

The HunterLab color $[37.9644, -15.1936, 1.4041]$ is a dark color, and the websafe version is hex 336666 . A complement of this color would be $[27.8924, 15.6563, 4.4279]$, and the grayscale version is $[35.2562, -1.8812, 1.9155]$.

A 20% lighter version of the original color is $[58.0955, -18.5231, 2.4611]$, and $[21.0041, -11.5953, 0.6723]$ is the 20% darker color. If you saturate the color by 10%, you get $[37.4558, -17.2575, 1.5388]$, and if you desaturate by 10%, it is $[38.5721, -12.7931, 1.3894]$.

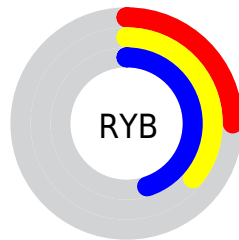
Distribution



Red (25%)

Green (45%)

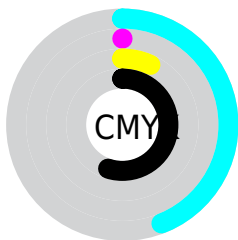
Blue (42%)



Red (25%)

Yellow (36%)

Blue (45%)

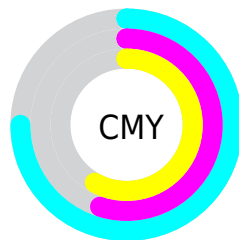


Cyan (44%)

Magenta (0%)

Yellow (7%)

Black (55%)



Cyan (75%)

Magenta (55%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.9644, -15.1936, 1.4041 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 37.9644, -15.1936, 1.4041 by changing the saturation by 10% instead.

■ 37.9644, -15.1936,
1.4041

■ 37.9644, -15.1936,
1.4041

148.2526,
-29.5960, 7.0329

■ 28.9980, -13.4069,
0.9723

■ 58.1558, -18.5677,
2.4042

■ 20.8750, -11.5090,
0.5916

■ 69.2767, -20.1921,
2.9644

■ 13.6952, -9.4352,
0.2702

■ 81.0279, -21.7902,
3.5613

■ 7.3050, -11.8669,
-0.1333

■ 93.3774, -23.3697,
4.1928

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.2974,
-24.9361, 4.8572

0.0000, NaN, NaN

119.7638,

0.0000, NaN, NaN

-26.4939, 5.5529

0.0000, NaN, NaN

133.7552,
-28.0463, 6.2785

■ 37.9644, -15.1936,
1.4041

■ 37.9644, -15.1936,
1.4041

■ 37.4558, -17.2575,
1.5388

■ 38.5721, -12.7931,
1.3894

■ 37.0413, -18.9777,
1.7874

■ 39.2777, -10.0684,
1.4950

■ 36.7174, -20.3573,
2.1431


■ 40.0821, -7.0392,
1.7210

■ 36.4780, -21.4100,
2.5955


■ 40.9841, -3.7293,
2.0646


■ 36.3116, -22.1742,
3.1276


■ 41.9819, -0.1648,
2.5216

 36.2274, -22.5674,
3.4354

 43.0727, 3.6268,
3.0864

 44.2535, 7.6181,
3.7525

 45.5207, 11.7826,
4.5126

 46.8705, 16.0955,
5.3596

Harmonies

Analogous

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



37.9652, -13.8471, 7.7392



37.9644, -15.1936, 1.4041



37.9652, -13.2423, -5.9984

Triad

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



37.9652, -15.1940, 1.4046



37.9652, 5.9702, -11.1324



37.9652, 4.6864, 12.2225

Complementary

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



37.9644, -15.1936, 1.4041



27.8924, 15.6563, 4.4279

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.



37.9652, 10.6616, 8.6767



37.9644, -15.1936, 1.4041



37.9652, 11.4417, -4.6440

Square

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



37.9652, -15.1940, 1.4046



37.9652, -1.3356, -14.0506



37.9652, 13.2201, 2.7168



37.9652, -2.7150, 13.2333

Rectangle

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



37.9644, -15.1936, 1.4041



37.9652, -10.2392, -10.3397



37.9652, 13.2201, 2.7168



37.9652, 6.9469, 11.3259

Sweetspot

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



37.9652, -15.1940, 1.4046



53.7511, -8.9905, 2.3421



37.4556, -19.0037, 15.0688



26.1516, -4.7708, 1.1097



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.9652, -15.1940, 1.4046



50.1184, -23.1046, 2.0603



33.2620, -6.8140, -8.5363



20.3614, -2.6718, 0.9483



38.7308, -24.1487, 3.7201



85.4382, -53.6755, 9.0797

Inverse Universe

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



27.8924, 15.6563, 4.4279



34.0949, 26.5371, 7.1645



31.4647, 6.9912, 10.3704



19.2597, 0.6357, 1.2465



20.5294, 35.3896, 11.4640



45.2254, 77.7768, 26.6894

Previews

White Background



This preview shows how the HunterLab color 37.9644, -15.1936, 1.4041 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 37.9644, -15.1936, 1.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

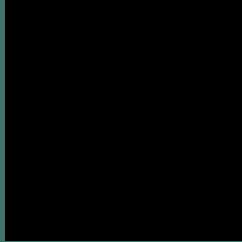
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.9644, -15.1936, 1.4041 Background



This preview shows how black text looks on a background with the HunterLab color 37.9644, -15.1936, 1.4041.



This preview shows how white text looks on a background with the HunterLab color 37.9644, -15.1936, 1.4041.

-15.1936, 1.4041.

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

37.9644, -15.1936, 1.4041

Protanopia

37.7238, -1.7364, 3.8644

Deuteranopia

37.6908, 2.7368, 0.0672



Tritanopia

38.0057, -11.0806, -5.4988

Trichromacy



Original Color

37.9644, -15.1936, 1.4041

Protanomaly

37.6721, -7.5013, 2.8865

Deuteranomaly

37.5584, -4.6948, 0.2218

Tritanomaly

38.0950, -12.5800, -2.9395

Monochromacy



Original Color

37.9644, -15.1936, 1.4041

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.1122, -7.4025, 1.4842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.9644, -15.1936, 1.4041 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(64, 115, 107)` looks like.

```
.text, #text, p{  
    color:rgb(64, 115, 107)  
}
```

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(64, 115, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 115, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 37.9644, -15.1936, 1.4041 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(64, 115, 107) }
```


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

```
.border{ border-color:rgb(64, 115, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 115, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 115, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 115, 107);  
box-shadow:4px 4px 4px 4px rgb(64, 115,  
107) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.9644, -15.1936, 1.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 115, 107) }
```

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

```
.background{ background-color: rgb(64, 115,  
107) }
```

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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