

Converting Colors

HunterLab(40.2627, -9.6275,
7.2088)

Have a look what the booklet for
HunterLab(40.2627, -9.6275, 7.2088)
contains.

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Color

HunterLab(40.3436, -9.7247,
7.3413)

Conversions

Conversions Part 1

Format	Color
Hex	637563
RGB	99, 117, 99
RGB Percent	39%, 46%, 39%
CMY	0.6118, 0.5412, 0.6118
CMYK	0.15, 0.00, 0.15, 0.54
HSL	120°, 8%, 42%
HSV	120°, 15%, 46%
XYZ	13.7590, 16.2761, 14.2208
YIQ	109.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

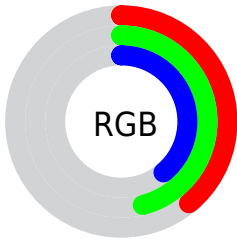
Format	Color
R_{YB}	99, 117, 117
Decimal	6518115
CIE _{Lab}	47.34, -10.46, 7.73
CIE _{LCh}	47, 13.004, 143.554
Yxy	16.2768, 0.3109, 0.3678
Android (android.graphics.Color)	4284708195 (0xFF637563)
YUV	109.5660, -5.2090, -9.2664
Hunter-Lab	40.3436, -9.7247, 7.3413

Details

The HunterLab color $40.3436, -9.7247, 7.3413$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $37.4036, 6.1725, -3.5225$, and the grayscale version is $39.3431, -2.0992, 2.1376$.

A 20% lighter version of the original color is $60.8785, -11.9177, 9.2032$, and $22.8785, -7.5484, 5.5461$ is the 20% darker color. If you saturate the color by 10%, you get $39.3154, -14.0796, 10.2842$, and if you desaturate by 10%, it is $41.5024, -4.9648, 4.1252$.

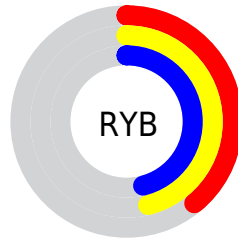
Distribution



Red (39%)

Green (46%)

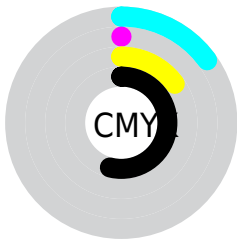
Blue (39%)



Red (39%)

Yellow (46%)

Blue (46%)

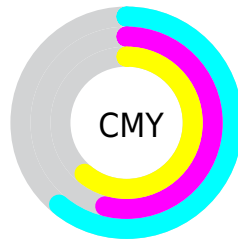


Cyan (15%)

Magenta (0%)

Yellow (15%)

Black (54%)



Cyan (61%)

Magenta (54%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.3436, -9.7247, 7.3413 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 40.3436, -9.7247, 7.3413 by changing the saturation by 10% instead.

■ 40.3436, -9.7247,
7.3413

■ 40.3436, -9.7247,
7.3413

151.9767,
-20.1673, 16.6243

■ 31.1772, -8.5622,
6.3553

■ 60.8917, -12.0176,
9.3203

■ 22.8338, -7.3704,
5.3587

■ 72.1744, -13.1605,
10.3219

■ 15.4054, -6.1257,
4.3339

■ 84.0790, -14.3070,
11.3354

■ 9.0116, -5.5395,
4.0440

■ 96.5744, -15.4599,
12.3626

0.0000, NaN, NaN

0.0000, NaN, NaN

109.6340,
-16.6211, 13.4044

0.0000, NaN, NaN

123.2343,

0.0000, NaN, NaN

-17.7921, 14.4617

0.0000, NaN, NaN

137.3548,
-18.9739, 15.5349

■ 40.3436, -9.7247,
7.3413

■ 40.3436, -9.7247,
7.3413

■ 39.3154, -14.0796,
10.2842

■ 41.5024, -4.9648,
4.1252

■ 38.4183, -17.9769,
12.9183

■ 42.7846, 0.1504,
0.6699

■ 37.6548, -21.3737,
15.2145

■ 44.1859, 5.5682,
-2.9891

■ 37.0247, -24.2361,
17.1497

■ 45.7003, 11.2398,
-6.8187

■ 36.5254, -26.5445,
18.7105

■ 47.3217, 17.1207,
-10.7886

■ 36.1514, -28.2973,
19.8957

■ 49.0436, 23.1715,
-14.8724

■ 35.8944, -29.5140,
20.7185

■ 50.8600, 29.3584,
-19.0469

■ 35.7349, -30.2740,
21.2324

■ 52.7646, 35.6527,
-23.2928

■ 35.6696, -30.5866,
21.4439

■ 54.7518, 42.0307,
-27.5942

Harmonies

Analogous

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



40.3445, -5.9897, 9.8283



40.3436, -9.7247, 7.3413



40.3445, -11.4216, 3.2267

Triad

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



40.3445, -9.7255, 7.3418



40.3445, -3.2470, -8.1871



40.3445, 7.2088, 5.7403

Complementary

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



40.3436, -9.7247, 7.3413



37.4036, 6.1725, -3.5225

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.



40.3445, 8.0320, 1.1375



40.3436, -9.7247, 7.3413



40.3445, 1.8289, -7.2984

Square

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



40.3445, -9.7255, 7.3418



40.3445, -7.8027, -6.0288



40.3445, 6.0189, -3.7318



40.3445, 3.8219, 8.9869

Rectangle

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



40.3436, -9.7247, 7.3413



40.3445, -11.2303, -0.0461



40.3445, 6.0189, -3.7318



40.3445, 7.8013, 4.3165

Sweetspot

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



40.3445, -9.7255, 7.3418



55.5781, -6.4735, 5.4052



41.7207, -4.7688, 8.8489



26.6064, -3.2782, 2.7095



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.



40.3445, -9.7255, 7.3418



53.5440, -14.8694, 11.0780



40.5692, -8.4556, 4.1157



20.2440, -3.3262, 2.6272



37.4400, -32.1047, 22.5082



82.6493, -70.8718, 49.6873

Inverse Universe

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



37.4036, 6.1725, -3.5225



48.8428, 10.5625, -6.3014



37.1331, 4.7443, 0.3107



19.3854, 1.3111, -0.5418



23.6260, 46.4494, -31.1606



52.1548, 102.5379, -68.7873

Previews

White Background



This preview shows how the HunterLab color 40.3436, -9.7247, 7.3413 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 40.3436, -9.7247, 7.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

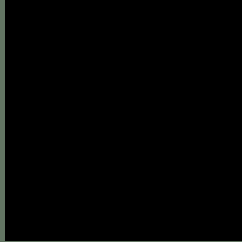
Any Text WCAG AA × Fail

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 40.3436, -9.7247, 7.3413 Background



This preview shows how black text looks on a background with the HunterLab color 40.3436, -9.7247, 7.3413.

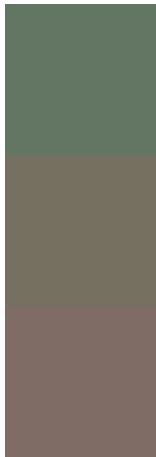


This preview shows how white text looks on a background with the HunterLab color 40.3436, -9.7247, 7.3413.

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

40.3436, -9.7247, 7.3413

Protanopia

40.3540, -2.6028, 8.5612

Deuteranopia

40.2203, 2.6823, 6.6811



Tritanopia

40.4330, -3.7159, -2.6287

Trichromacy



Original Color

40.3436, -9.7247, 7.3413

Protanomaly

40.3450, -5.4309, 8.1455

Deuteranomaly

40.0885, -1.9367, 6.8370

Tritanomaly

40.3747, -5.8979, 1.3976

Monochromacy



Original Color

40.3436, -9.7247, 7.3413

Achromatopsia

39.4875, -2.1070, 2.1454

Achromatomaly

39.8937, -5.1566, 4.2267

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.3436, -9.7247, 7.3413 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(99, 117, 99)` looks like.

```
.text, #text, p{  
    color:rgb(99, 117, 99)  
}
```

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(99, 117, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 117, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 40.3436, -9.7247, 7.3413 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(99, 117, 99) }
```


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

```
.border{ border-color:rgb(99, 117, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 117, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 117, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 117, 99);  
box-shadow:4px 4px 4px 4px rgb(99, 117,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.3436, -9.7247, 7.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 117, 99) }
```

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

```
.background{ background-color: rgb(99, 117,  
99) }
```

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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