

Converting Colors

HunterLab(40.5512, -13.1673,
12.6239)

Have a look what the booklet for
HunterLab(40.5512, -13.1673,
12.6239) contains.

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Color

**HunterLab(40.4662,
-12.9123, 12.4199)**

Conversions

Conversions Part 1

Format	Color
Hex	617754
RGB	97, 119, 84
RGB Percent	38%, 47%, 33%
CMY	0.6196, 0.5333, 0.6706
CMYK	0.18, 0.00, 0.29, 0.53
HSL	98°, 17%, 40%
HSV	98°, 29%, 47%
XYZ	13.1268, 16.3751, 10.8564
YIQ	108.4320, -1.8770, -15.5490

Conversions

Conversions Part 2

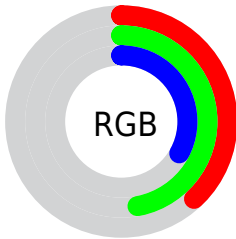
Format	Color
RYB	84, 119, 106
Decimal	6387540
CIELab	47.46, -15.10, 16.68
CIELCh	47, 22.497, 132.152
Yxy	16.3758, 0.3253, 0.4057
Android (android.graphics.Color)	4284577620 (0xFF617754)
YUV	108.4320, -12.0450, -10.0259
Hunter-Lab	40.4662, -12.9123, 12.4199

Details

The HunterLab color $40.4662, -12.9123, 12.4199$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $32.7677, 10.4481, -11.2066$, and the grayscale version is $38.9349, -2.0775, 2.1154$.

A 20% lighter version of the original color is $60.9450, -15.6282, 15.3387$, and $23.0891, -9.9860, 9.1237$ is the 20% darker color. If you saturate the color by 10%, you get $39.7658, -15.9939, 15.0567$, and if you desaturate by 10%, it is $41.2419, -9.5504, 9.3710$.

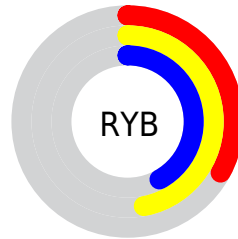
Distribution



Red (38%)

Green (47%)

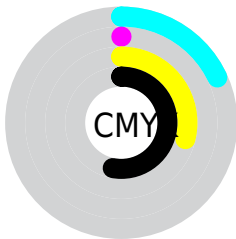
Blue (33%)



Red (33%)

Yellow (47%)

Blue (42%)

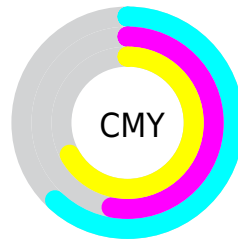


Cyan (18%)

Magenta (0%)

Yellow (29%)

Black (53%)



Cyan (62%)

Magenta (53%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 40.4662, -12.9123, 12.4199 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 40.4662, -12.9123, 12.4199 by changing the saturation by 10% instead.

40.4662, -12.9123,
12.4199

40.4662, -12.9123,
12.4199

152.1675,
-25.4042, 25.7129

31.2898, -11.4363,
10.8034

61.0323, -15.7568,
15.4953

22.9353, -9.8947,
9.0974

72.3233, -17.1476,
16.9851

15.4944, -8.2483,
7.2528

84.2356, -18.5278,
18.4564

9.0900, -7.7229,
6.3630

96.7384, -19.9023,
19.9156

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8051,
-21.2747, 21.3676

0.0000, NaN, NaN

123.4122,

0.0000, NaN, NaN

-22.6478, 22.8160

0.0000, NaN, NaN

137.5392,
-24.0237, 24.2637

■ 40.4662, -12.9123,
12.4199

■ 40.4662, -12.9123,
12.4199

■ 39.7658, -15.9939,
15.0567

■ 41.2419, -9.5504,
9.3710

■ 39.1386, -18.7754,
17.2701

■ 42.0892, -5.9250,
5.9240

■ 38.5854, -21.2444,
19.0573

■ 43.0075, -2.0583,
2.0989

■ 38.1054, -23.3923,
20.4237

■ 43.9949, 2.0278,
-2.0822

■ 37.6969, -25.2165,
21.3848

■ 45.0492, 6.3113,
-6.5950

■ 37.3571, -26.7219,
21.9684

■ 46.1682, 10.7711,
-11.4150

■ 37.0749, -27.9668,
22.3237

■ 47.3493, 15.3866,
-16.5173

■ 37.0596, -28.0350,
22.3452

■ 48.5899, 20.1390,
-21.8776

■ 49.8876, 25.0107,
-27.4727

Harmonies

Analogous

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



40.4671, -5.6658, 15.0011



40.4662, -12.9123, 12.4199



40.4671, -17.0558, 6.8367

Triad

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



40.4671, -12.9132, 12.4203



40.4671, -7.2232, -16.3328



40.4671, 15.7649, 5.4501

Complementary

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



40.4662, -12.9123, 12.4199



32.7677, 10.4481, -11.2066

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.



40.4671, 15.2574, -3.0536



40.4662, -12.9123, 12.4199



40.4671, 1.4665, -16.9279

Square

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



40.4671, -12.9132, 12.4203



40.4671, -13.9692, -10.1717



40.4671, 9.8452, -11.6566



40.4671, 11.1777, 11.5930

Rectangle

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



40.4662, -12.9123, 12.4199



40.4671, -17.7353, 1.5929



40.4671, 9.8452, -11.6566



40.4671, 16.1947, 2.8032

Sweetspot

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



40.4671, -12.9132, 12.4203



56.3433, -7.8362, 7.8375



38.4514, -0.8140, 10.7459



27.3592, -4.1108, 4.1022



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



40.4671, -12.9132, 12.4203



53.5317, -19.9942, 18.9691



39.7306, -15.5328, 10.4047



20.3920, -2.7972, 2.7987



38.1914, -28.9246, 23.0270



84.0395, -64.9774, 50.6472

Inverse Universe

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



32.7677, 10.4481, -11.2066



41.0995, 17.8559, -19.4476



33.9100, 13.6598, -7.1824



19.2177, 0.7457, -0.7642



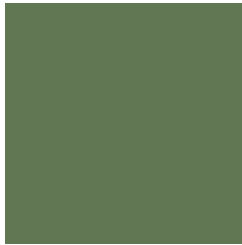
17.2929, 37.7974, -52.2570



37.5140, 82.6254, -118.2497

Previews

White Background



This preview shows how the HunterLab color 40.4662, -12.9123, 12.4199 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 40.4662, -12.9123, 12.4199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

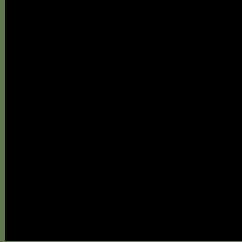
Any Text WCAG AA × Fail

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 40.4662, -12.9123, 12.4199 Background



This preview shows how black text looks on a background with the HunterLab color 40.4662, -12.9123, 12.4199.



This preview shows how white text looks on a background with the HunterLab color 40.4662,

-12.9123, 12.4199.

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

40.4662, -12.9123, 12.4199

Protanopia

40.3080, -3.3845, 13.3278

Deuteranopia

40.3764, 2.5425, 11.9960



Tritanopia

40.4330, -3.7159, -2.6287

Trichromacy



Original Color

40.4662, -12.9123, 12.4199

Protanomaly

40.3923, -7.3344, 13.0438

Deuteranomaly

40.2072, -3.5852, 12.0394

Tritanomaly

40.4495, -7.3619, 3.5890

Monochromacy



Original Color

40.4662, -12.9123, 12.4199

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

39.2839, -6.2452, 6.2812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.4662, -12.9123, 12.4199 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(97, 119, 84)` looks like.

```
.text, #text, p{  
    color:rgb(97, 119, 84)  
}
```

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(97, 119, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 119, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 40.4662, -12.9123, 12.4199 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(97, 119, 84) }
```


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

```
.border{ border-color:rgb(97, 119, 84) }
```

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

Here you see how a box with a 4 pixel rgb(97, 119, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 119, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 119, 84);  
box-shadow:4px 4px 4px 4px rgb(97, 119,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.4662, -12.9123, 12.4199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 119, 84) }
```

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

```
.background{ background-color: rgb(97, 119,  
84) }
```

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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