

Converting Colors

HunterLab(37.6162, 0.0477,
15.5233)

Have a look what the booklet for
HunterLab(37.6162, 0.0477,
15.5233) contains.

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Color

**HunterLab(37.5285, 0.1782,
15.4649)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6640
RGB	123, 102, 64
RGB Percent	48%, 40%, 25%
CMY	0.5176, 0.6000, 0.7490
CMYK	0.00, 0.17, 0.48, 0.52
HSL	39°, 32%, 37%
HSV	39°, 48%, 48%
XYZ	13.8452, 14.0839, 6.8392
YIQ	103.9470, 24.7140, -7.3660

Conversions

Conversions Part 2

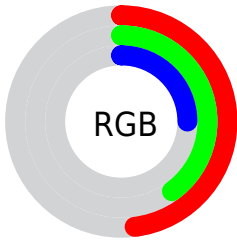
Format	Color
RYB	97, 123, 64
Decimal	8087104
CIELab	44.35, 2.94, 24.56
CIELCh	44, 24.730, 83.179
Yxy	14.0845, 0.3982, 0.4051
Android (android.graphics.Color)	4286277184 (0xFF7B6640)
YUV	103.9470, -19.6939, 16.7095
Hunter-Lab	37.5285, 0.1782, 15.4649

Details

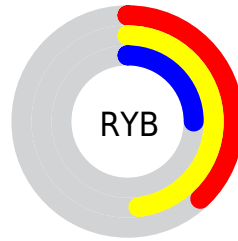
The HunterLab color $37.5285, 0.1782, 15.4649$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $30.0279, 0.5824, -18.4867$, and the grayscale version is $37.2526, -1.9877, 2.0240$.

A 20% lighter version of the original color is $57.7057, -0.6161, 19.7971$, and $20.3976, 0.7519, 10.6583$ is the 20% darker color. If you saturate the color by 10%, you get $36.2240, 1.2310, 17.0826$, and if you desaturate by 10%, it is $38.8892, -0.6903, 13.4430$.

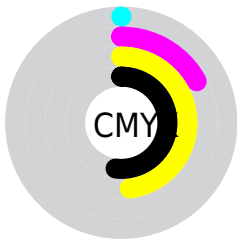
Distribution



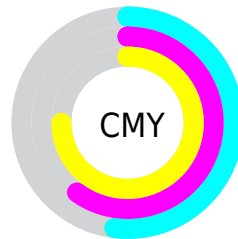
- Red (48%)
- Green (40%)
- Blue (25%)



- Red (38%)
- Yellow (48%)
- Blue (25%)



- Cyan (0%)
- Magenta (17%)
- Yellow (48%)
- Black (52%)



- Cyan (52%)
- Magenta (60%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5285, 0.1782, 15.4649 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 37.5285, 0.1782, 15.4649 by changing the saturation by 10% instead.

37.5285, 0.1782,
15.4649

37.5285, 0.1782,
15.4649

147.5656, -4.4620,
32.6202

28.5998, 0.4692,
13.2098

57.6532, -0.5695,
19.6281

20.5183, 0.6976,
10.7741

68.7438, -1.0128,
21.5935

13.3855, 0.8492,
9.3101

80.4664, -1.4977,
23.5062

6.9427, 1.4728,
4.8599

92.7886, -2.0215,
25.3786

0.0000, NaN, NaN

0.0000, NaN, NaN

105.6826, -2.5817,
27.2198

0.0000, NaN, NaN

119.1240, -3.1763,

0.0000, NaN, NaN

133.0914, -3.8035,
30.8356

■ 37.5285, 0.1782,
15.4649

■ 37.5285, 0.1782,
15.4649

■ 36.2240, 1.2310,
17.0826

■ 38.8892, -0.6903,
13.4430

■ 34.9751, 2.4743,
18.2815

■ 40.3010, -1.3744,
11.0337

■ 33.7845, 3.9042,
19.0557

■ 41.7624, -1.8820,
8.2577

■ 32.6535, 5.5134,
19.4103

■ 43.2710, -2.2205,
5.1367

■ 31.5767, 7.2580,
19.4496

■ 44.8244, -2.3982,
1.6926

■ 31.3619, 7.6150,
19.4583

■ 46.4203, -2.4238,
-2.0532

■ 48.0564, -2.3060,
-6.0800

■ 49.7308, -2.0533,
-10.3683

■ 51.4414, -1.6742,
-14.8996

Harmonies

Analogous

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



37.5294, 9.5102, 13.4067



37.5285, 0.1782, 15.4649



37.5294, -8.8876, 14.7057

Triad

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



37.5294, 0.1767, 15.4653



37.5294, -17.2810, -5.4119



37.5294, 13.6658, -9.8543

Complementary

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



37.5285, 0.1782, 15.4649



30.0279, 0.5824, -18.4867

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.



37.5294, 5.4135, -17.5585



37.5285, 0.1782, 15.4649



37.5294, -12.2791, -14.5825

Square

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



37.5294, 0.1767, 15.4653



37.5294, -18.3862, 4.0371



37.5294, -4.1370, -19.4743



37.5294, 17.7810, -0.0673

Rectangle

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



37.5285, 0.1782, 15.4649



37.5294, -13.6392, 12.5823



37.5294, -4.1370, -19.4743



37.5294, 11.2468, -12.8628

Sweetspot

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



37.5294, 0.1767, 15.4653



56.6101, -2.7081, 9.5892



29.2299, 20.0943, 0.6613



27.2960, -1.2699, 5.0129



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.



37.5294, 0.1767, 15.4653



48.2258, 1.8743, 23.1290



42.6497, -11.4556, 19.3368



20.9887, -1.0671, 2.6758



31.8817, 7.7774, 19.7815



68.4360, 19.3513, 42.5087

Inverse Universe

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



30.0279, 0.5824, -18.4867



36.0655, 3.0461, -32.8888



25.4354, 12.1301, -27.7949



20.2618, -1.0690, -0.5351



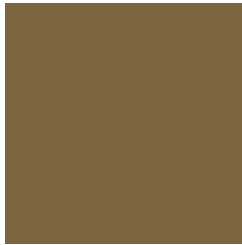
18.2093, 13.3896, -51.6642



37.8716, 34.0469, -120.8338

Previews

White Background



This preview shows how the HunterLab color 37.5285, 0.1782, 15.4649 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 37.5285, 0.1782, 15.4649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

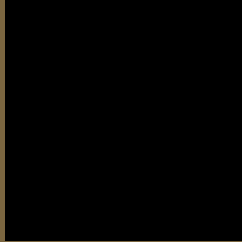
Any Text WCAG AA × Fail

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 37.5285, 0.1782, 15.4649 Background



This preview shows how black text looks on a background with the HunterLab color 37.5285, 0.1782, 15.4649.



This preview shows how white text looks on a background with the HunterLab color 37.5285, 0.1782,

15.4649.

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

37.5285, 0.1782, 15.4649

Protanopia

37.5894, -3.6881, 15.2097

Deuteranopia

37.4119, 2.4471, 15.4089



Tritanopia

37.5251, 8.4275, 2.1541

Trichromacy



Original Color

37.5285, 0.1782, 15.4649

Protanomaly

37.5950, -2.2840, 15.2389

Deuteranomaly

37.5675, 1.6481, 15.5226

Tritanomaly

37.5466, 5.1840, 7.9524

Monochromacy



Original Color

37.5285, 0.1782, 15.4649

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.1501, -1.5457, 7.7809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5285, 0.1782, 15.4649 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(123, 102, 64)` looks like.

```
.text, #text, p{  
    color:rgb(123, 102, 64)  
}
```

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(123, 102, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 102, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5285, 0.1782, 15.4649 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(123, 102, 64) }
```


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

```
.border{ border-color:rgb(123, 102, 64) }
```

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

Here you see how a box with a 4 pixel rgb(123, 102, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 102, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 102, 64);  
box-shadow:4px 4px 4px 4px rgb(123, 102,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5285, 0.1782, 15.4649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 102, 64) }
```

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

```
.background{ background-color: rgb(123,  
102, 64) }
```

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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