

Converting Colors

HunterLab(33.3355, -11.8052,
12.4318)

Have a look what the booklet for
HunterLab(33.3355, -11.8052,
12.4318) contains.

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Color

**HunterLab(33.4017,
-11.9185, 12.5367)**

Conversions

Conversions Part 1

Format	Color
Hex	50643D
RGB	80, 100, 61
RGB Percent	31%, 39%, 24%
CMY	0.6863, 0.6078, 0.7608
CMYK	0.20, 0.00, 0.39, 0.61
HSL	91°, 24%, 32%
HSV	91°, 39%, 39%
XYZ	8.7077, 11.1567, 6.1094
YIQ	89.5740, 0.5990, -16.3690

Conversions

Conversions Part 2

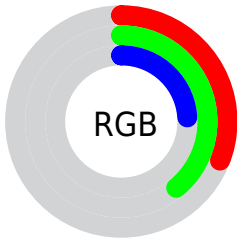
Format	Color
RYB	61, 100, 81
Decimal	5268541
CIELab	39.84, -15.30, 19.71
CIElCh	40, 24.956, 127.818
Yxy	11.1572, 0.3352, 0.4295
Android (android.graphics.Color)	4283458621 (0xFF50643D)
YUV	89.5740, -14.0870, -8.3964
Hunter-Lab	33.4017, -11.9185, 12.5367

Details

The HunterLab color **33.4017, -11.9185, 12.5367** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **24.5096, 10.7302, -13.8765**, and the grayscale version is **31.8689, -1.7004, 1.7315**.

A 20% lighter version of the original color is **52.8991, -14.8526, 16.1203**, and **17.1171, -8.6610, 8.4137** is the 20% darker color. If you saturate the color by 10%, you get **32.9310, -14.0134, 14.4076**, and if you desaturate by 10%, it is **33.9221, -9.6225, 10.3146**.

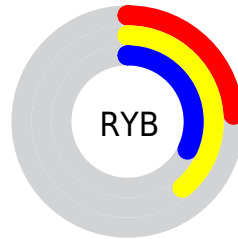
Distribution



Red (31%)

Green (39%)

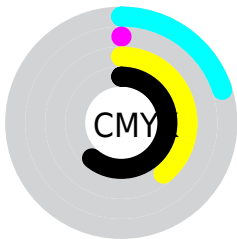
Blue (24%)



Red (24%)

Yellow (39%)

Blue (32%)

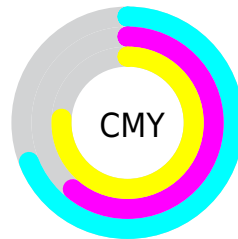


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (61%)



Cyan (69%)

Magenta (61%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4017, -11.9185, 12.5367 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 33.4017, -11.9185, 12.5367 by changing the saturation by 10% instead.

■ 33.4017, -11.9185,
12.5367

■ 33.4017, -11.9185,
12.5367

■ 140.9763,
-24.5739, 27.4454

■ 24.8449, -10.3806,
10.6093

■ 52.8683, -14.8386,
16.1041

■ 17.1766, -8.7469,
8.5217

■ 63.6617, -16.2536,
17.7977

■ 10.5161, -7.1617,
7.3612

■ 75.1036, -17.6523,
19.4532

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.1591, -19.0410,
21.0811

0.0000, NaN, NaN

■ 99.7984, -20.4244,
22.6891

0.0000, NaN, NaN

■ 112.9957,

0.0000, NaN, NaN

-21.8060, 24.2829

0.0000, NaN, NaN

126.7284,
-23.1885, 25.8672

■ 33.4017, -11.9185,
12.5367

■ 33.4017, -11.9185,
12.5367

■ 32.9310, -14.0134,
14.4076

■ 33.9221, -9.6225,
10.3146

■ 32.5076, -15.8983,
15.9265

■ 34.4899, -7.1320,
7.7450

■ 32.1316, -17.5699,
17.0998

■ 35.1053, -4.4583,
4.8369

■ 31.8020, -19.0279,
17.9404

■ 35.7676, -1.6131,
1.6020

■ 31.5169, -20.2760,
18.4700

■ 36.4759, 1.3913,
-1.9454

■ 31.2660, -21.3716,
18.8374

■ 37.2292, 4.5422,
-5.7895

■ 31.2422, -21.4768,
18.8753

■ 38.0261, 7.8268,
-9.9131

■ 38.8653, 11.2329,
-14.2987

■ 39.7454, 14.7485,
-18.9284

Harmonies

Analogous

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



33.4024, -4.1480, 14.5294



33.4017, -11.9185, 12.5367



33.4024, -16.5892, 7.5496

Triad

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



33.4024, -11.9193, 12.5370



33.4024, -8.1820, -17.7332



33.4024, 17.5338, 4.0194

Complementary

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



33.4017, -11.9185, 12.5367



24.5096, 10.7302, -13.8765

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.



33.4024, 16.1551, -5.1523



33.4017, -11.9185, 12.5367



33.4024, 0.6475, -19.4246

Square

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



33.4024, -11.9193, 12.5370



33.4024, -14.5992, -10.1834



33.4024, 9.7253, -14.3251



33.4024, 13.3120, 10.5519

Rectangle

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



33.4017, -11.9185, 12.5367



33.4024, -17.6360, 2.4504



33.4024, 9.7253, -14.3251



33.4024, 17.7176, 1.1733

Sweetspot

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



33.4024, -11.9193, 12.5370



46.2002, -7.1151, 7.7433



29.7615, 1.9185, 9.5770



22.8834, -3.6755, 4.0008



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



33.4024, -11.9193, 12.5370



43.6386, -18.3886, 18.9346



32.3170, -16.0998, 11.5318



17.8938, -2.2642, 2.4562



36.1142, -25.0054, 21.8157



82.1617, -58.4037, 49.6052

Inverse Universe

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



24.5096, 10.7302, -13.8765



29.3006, 18.4298, -24.3928



26.3954, 16.1920, -10.5349



16.8113, 0.4591, -0.6788



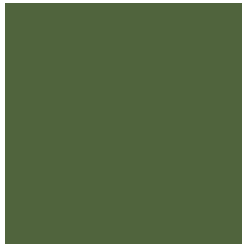
14.6878, 33.5413, -55.5320



32.7549, 75.7111, -130.9051

Previews

White Background



This preview shows how the HunterLab color 33.4017, -11.9185, 12.5367 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 33.4017, -11.9185, 12.5367 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 33.4017, -11.9185, 12.5367 Background



This preview shows how black text looks on a background with the HunterLab color 33.4017, -11.9185, 12.5367.



This preview shows how white text looks on a background with the HunterLab color 33.4017,

-11.9185, 12.5367.

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

33.4017, -11.9185, 12.5367

Protanopia

33.3856, -3.5063, 13.1625

Deuteranopia

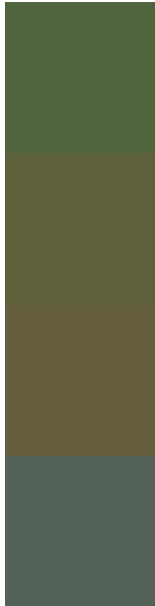
33.3406, 1.8067, 12.2132



Tritanopia

33.3798, -2.9171, -2.2750

Trichromacy



Original Color

33.4017, -11.9185, 12.5367

Protanomaly

33.2741, -6.6520, 12.7695

Deuteranomaly

33.2604, -3.8527, 12.3034

Tritanomaly

33.3748, -6.5682, 4.0490

Monochromacy



Original Color

33.4017, -11.9185, 12.5367

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.4782, -5.9894, 6.4044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4017, -11.9185, 12.5367 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(80, 100, 61)` looks like.

```
.text, #text, p{  
    color:rgb(80, 100, 61)  
}
```

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(80, 100, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 100, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4017, -11.9185, 12.5367 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(80, 100, 61) }
```


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

```
.border{ border-color:rgb(80, 100, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 100, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 100, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 100, 61);  
box-shadow:4px 4px 4px 4px rgb(80, 100,  
61) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4017, -11.9185, 12.5367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 100, 61) }
```

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

```
.background{ background-color: rgb(80, 100,  
61) }
```

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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