

Converting Colors

HunterLab(33.0598, -16.0065,
9.7681)

Have a look what the booklet for
HunterLab(33.0598, -16.0065,
9.7681) contains.

HunterLab(33.0712, -15.8753, 9.7123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(33.0712,
-15.8753, 9.7123)**

Conversions

Conversions Part 1

Format	Color
Hex	3D6646
RGB	61, 102, 70
RGB Percent	24%, 40%, 27%
CMY	0.7608, 0.6000, 0.7255
CMYK	0.40, 0.00, 0.31, 0.60
HSL	133°, 25%, 32%
HSV	133°, 40%, 40%
XYZ	7.7813, 10.9370, 7.4953
YIQ	86.0930, -14.1640, -18.6440

Conversions

Conversions Part 2

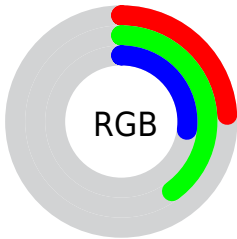
Format	Color
R _{YB}	61, 95, 102
Decimal	4023878
CIE Lab	39.48, -22.01, 13.68
CIE LCh	39, 25.911, 148.136
Yxy	10.9375, 0.2968, 0.4172
Android (android.graphics.Color)	4282213958 (0xFF3D6646)
YUV	86.0930, -7.9338, -22.0066
Hunter-Lab	33.0712, -15.8753, 9.7123

Details

The HunterLab color **33.0712, -15.8753, 9.7123** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **26.3682, 15.6234, -6.7652**, and the grayscale version is **30.5720, -1.6312, 1.6610**.

A 20% lighter version of the original color is **52.3502, -19.6961, 12.5015**, and **17.0074, -11.7253, 6.8677** is the 20% darker color. If you saturate the color by 10%, you get **32.4808, -18.4969, 11.3612**, and if you desaturate by 10%, it is **33.7637, -12.8875, 7.9350**.

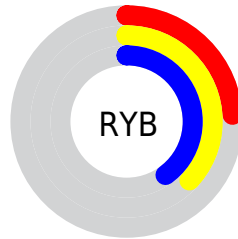
Distribution



 Red (24%)

 Green (40%)

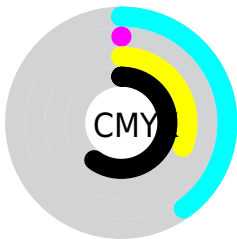
 Blue (27%)




 Red (24%)

 Yellow (37%)

 Blue (40%)

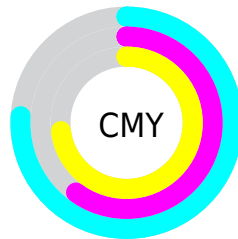


 Cyan (40%)


 Magenta (0%)

 Yellow (31%)

 Black (60%)



 Cyan (76%)

 Magenta (60%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0712, -15.8753, 9.7123 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 33.0712, -15.8753, 9.7123 by changing the saturation by 10% instead.

■ 33.0712, -15.8753,
9.7123

■ 33.0712, -15.8753,
9.7123

140.4415,
-31.7173, 21.6837

■ 24.5455, -13.8211,
8.2667

■ 52.4829, -19.6778,
12.4574

■ 16.9121, -11.5940,
6.7295

■ 63.2516, -21.4818,
13.7904

■ 10.2916, -10.0358,
6.1337

■ 74.6702, -23.2438,
15.1104

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 86.7036, -24.9744,
16.4238

0.0000, NaN, NaN

■ 99.3219, -26.6817,
17.7349

0.0000, NaN, NaN

■ 112.4990,

0.0000, NaN, NaN

-28.3717, 19.0470

0.0000, NaN, NaN

126.2123,
-30.0490, 20.3626

■ 33.0712, -15.8753,
9.7123

■ 33.0712, -15.8753,
9.7123

■ 32.4808, -18.4969,
11.3612

■ 33.7637, -12.8875,
7.9350

■ 31.9898, -20.7291,
12.8627

■ 34.5556, -9.5603,
6.0475

■ 31.5966, -22.5604,
14.2016

■ 35.4458, -5.9274,
4.0700

■ 31.2969, -23.9907,
15.3660

■ 36.4316, -2.0242,
2.0214

■ 31.0845, -25.0334,
16.3480

■ 37.5095, 2.1135,
-0.0805

■ 30.9235, -25.8306,
17.1092

■ 38.6756, 6.4512,
-2.2197

■ 39.9256, 10.9568,
-4.3823

■ 41.2553, 15.6012,
-6.5568

■ 42.6601, 20.3588,
-8.7334

Harmonies

Analogous

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



33.0719, -9.9357, 13.7370



33.0712, -15.8753, 9.7123



33.0719, -18.0938, 2.3597

Triad

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



33.0719, -15.8758, 9.7126



33.0719, -2.3577, -20.6613



33.0719, 15.9044, 8.9817

Complementary

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



33.0712, -15.8753, 9.7123



26.3682, 15.6234, -6.7652

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.



33.0719, 18.5098, 1.2307



33.0712, -15.8753, 9.7123



33.0719, 7.2819, -17.4472

Square

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



33.0719, -15.8758, 9.7126



33.0719, -10.8552, -16.5869



33.0719, 15.1944, -8.7322



33.0719, 8.4241, 13.4062

Rectangle

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



33.0712, -15.8753, 9.7123



33.0719, -17.3767, -4.0690



33.0719, 15.1944, -8.7322



33.0719, 17.4139, 6.7585

Sweetspot

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



33.0719, -15.8758, 9.7126



46.6760, -8.9145, 5.9609



34.8905, -9.2837, 13.8344



22.6237, -4.5204, 2.9980



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.



33.0719, -15.8758, 9.7126



43.0727, -24.2296, 14.8734



33.5262, -13.2129, 3.1688



17.7527, -2.7173, 1.9029



35.0365, -29.3202, 19.5015



79.9449, -67.3976, 45.5679

Inverse Universe

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



26.3682, 15.6234, -6.7652



32.4459, 25.9753, -11.2311



25.7652, 12.6795, 1.7458



16.9684, 0.9329, -0.0247



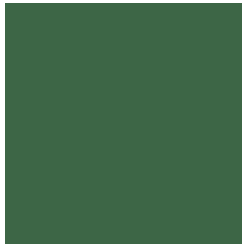
20.8774, 39.2531, -13.6409



47.5382, 89.1458, -29.2440

Previews

White Background



This preview shows how the HunterLab color 33.0712, -15.8753, 9.7123 looks on a white background.

Color Contrast Check

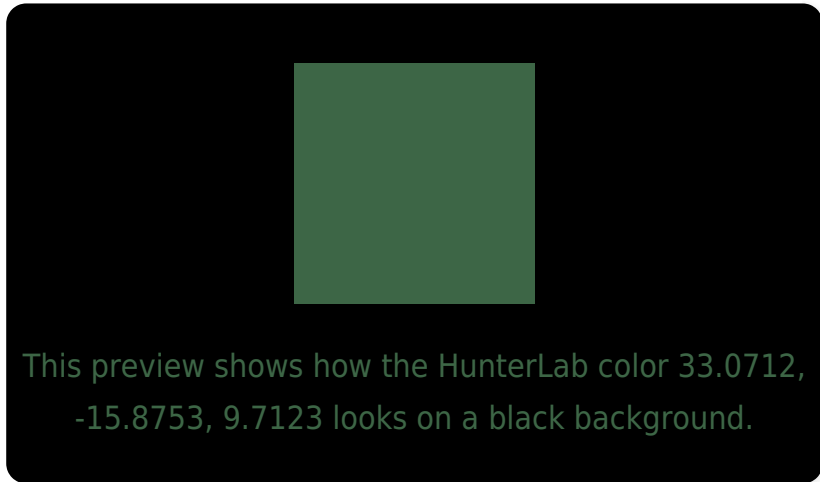
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

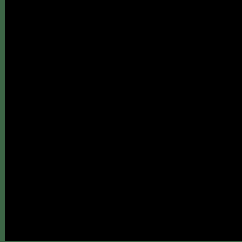
Any Text WCAG AA × Fail

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 33.0712, -15.8753, 9.7123 Background



This preview shows how black text looks on a background with the HunterLab color 33.0712, -15.8753, 9.7123.



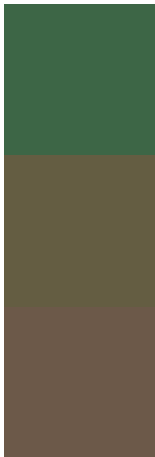
This preview shows how white text looks on a background with the HunterLab color 33.0712, -15.8753, 9.7123.

-15.8753, 9.7123.

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

33.0712, -15.8753, 9.7123

Protanopia

33.0626, -3.0438, 11.0768

Deuteranopia

32.8846, 1.9401, 8.9325



Tritanopia

33.1971, -7.7035, -3.5481

Trichromacy



Original Color

33.0712, -15.8753, 9.7123

Protanomaly

32.7863, -8.1932, 10.4565

Deuteranomaly

32.7069, -5.4624, 8.9444

Tritanomaly

32.9464, -10.8435, 1.8903

Monochromacy



Original Color

33.0712, -15.8753, 9.7123

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

31.3229, -7.3126, 4.8073

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0712, -15.8753, 9.7123 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(61, 102, 70)` looks like.

```
.text, #text, p{  
    color:rgb(61, 102, 70)  
}
```

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(61, 102, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 102, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0712, -15.8753, 9.7123 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(61, 102, 70) }
```


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

```
.border{ border-color:rgb(61, 102, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 102, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 102, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 102, 70);  
box-shadow:4px 4px 4px 4px rgb(61, 102,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0712, -15.8753, 9.7123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 102, 70) }
```

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

```
.background{ background-color: rgb(61, 102,  
70) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor