

Converting Colors

HunterLab(30.8835, -12.9580,
15.4399)

Have a look what the booklet for
HunterLab(30.8835, -12.9580,
15.4399) contains.

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Color

**HunterLab(30.9755,
-12.9429, 15.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5E25
RGB	74, 94, 37
RGB Percent	29%, 37%, 15%
CMY	0.7098, 0.6314, 0.8549
CMYK	0.21, 0.00, 0.61, 0.63
HSL	81°, 44%, 26%
HSV	81°, 61%, 37%
XYZ	7.1607, 9.5948, 3.2248
YIQ	81.5220, 6.3770, -21.9670

Conversions

Conversions Part 2

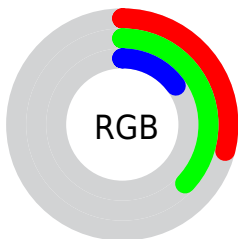
Format	Color
R_YB	37, 94, 57
Decimal	4873765
CIE Lab	37.11, -17.73, 29.68
CIE LCh	37, 34.573, 120.849
Yxy	9.5952, 0.3584, 0.4802
Android (android.graphics.Color)	4283063845 (0xFF4A5E25)
YUV	81.5220, -21.9493, -6.5968
Hunter-Lab	30.9755, -12.9429, 15.5102

Details

The HunterLab color $[30.9755, -12.9429, 15.5102]$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $[17.3246, 14.7040, -25.3102]$, and the grayscale version is $[28.9502, -1.5447, 1.5729]$.

A 20% lighter version of the original color is $[49.8715, -16.1005, 20.4772]$, and $[15.4114, -8.8593, 9.3413]$ is the 20% darker color. If you saturate the color by 10%, you get $[30.6856, -14.2344, 16.5844]$, and if you desaturate by 10%, it is $[31.2993, -11.4953, 14.1099]$.

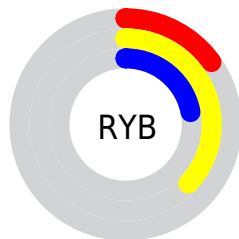
Distribution



Red (29%)

Green (37%)

Blue (15%)



Red (15%)

Yellow (37%)

Blue (22%)

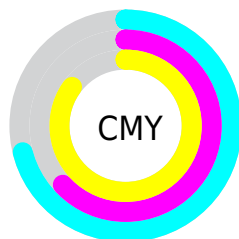


Cyan (21%)

Magenta (0%)

Yellow (61%)

Black (63%)



Cyan (71%)

Magenta (63%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.9755, -12.9429, 15.5102 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 30.9755, -12.9429, 15.5102 by changing the saturation by 10% instead.

■ 30.9755, -12.9429,
15.5102

■ 30.9755, -12.9429,
15.5102

137.0249,
-26.7923, 35.6962

■ 22.6527, -11.1946,
12.6881

■ 50.0314, -16.2078,
20.5893

■ 15.2466, -9.3070,
10.6726

■ 60.6403, -17.7702,
22.9371

■ 8.8695, -9.1834,
6.2086

■ 71.9083, -19.3048,
25.1964

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 83.7990, -20.8200,
27.3863

0.0000, NaN, NaN

■ 96.2812, -22.3222,
29.5214

0.0000, NaN, NaN

■ 109.3281,

0.0000, NaN, NaN

-23.8160, 31.6126

0.0000, NaN, NaN

122.9162,
-25.3052, 33.6686

30.9755, -12.9429,
15.5102

30.9755, -12.9429,
15.5102

30.6856, -14.2344,
16.5844

31.2993, -11.4953,
14.1099

30.4265, -15.3706,
17.3476

31.6560, -9.8886,
12.3732

30.1970, -16.3594,
17.8246

32.0466, -8.1250,
10.2953

29.9973, -17.2186,
18.1828

32.4715, -6.2076,
7.8756

32.9309, -4.1409,
5.1172

■ 33.4245, -1.9308,
2.0259

■ 33.9522, 0.4162,
-1.3894

■ 34.5135, 2.8930,
-5.1183

■ 35.1078, 5.4917,
-9.1484

Harmonies

Analogous

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



30.9762, -2.0066, 16.8606



30.9755, -12.9429, 15.5102



30.9762, -19.8282, 10.8151

Triad

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



30.9762, -12.9437, 15.5104



30.9762, -12.4213, -25.3376



30.9762, 25.9320, 2.0199

Complementary

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



30.9755, -12.9429, 15.5102



17.3246, 14.7040, -25.3102

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.



30.9762, 22.0056, -11.5018



30.9755, -12.9429, 15.5102



30.9762, -1.3008, -30.5908

Square

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



30.9762, -12.9437, 15.5104



30.9762, -19.5616, -12.3235



30.9762, 11.5261, -24.7465



30.9762, 21.5543, 11.1978

Rectangle

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



30.9755, -12.9429, 15.5102



30.9762, -21.8325, 5.0766



30.9762, 11.5261, -24.7465



30.9762, 25.5346, -2.1370

Sweetspot

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



30.9762, -12.9437, 15.5104



43.0896, -7.6616, 9.6992



23.3128, 8.2900, 10.0587



21.0348, -4.0119, 5.0897



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



30.9762, -12.9437, 15.5104



40.4401, -19.5563, 22.4620



29.5125, -18.7231, 14.3412



16.2799, -1.8469, 2.2555



35.2457, -20.4076, 21.3610



82.1697, -48.9942, 49.7748

Inverse Universe

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



17.3246, 14.7040, -25.3102



18.9974, 25.2311, -45.7228



20.2088, 21.7792, -18.2364



15.2176, 0.2049, -0.6498



12.4072, 30.2598, -61.8428



28.2350, 70.0392, -149.8603

Previews

White Background



This preview shows how the HunterLab color 30.9755, -12.9429, 15.5102 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 ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

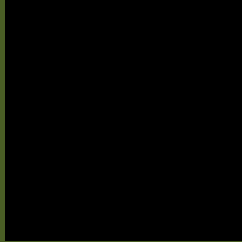
Any Text WCAG AA × Fail

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 30.9755, -12.9429, 15.5102 Background



This preview shows how black text looks on a background with the HunterLab color 30.9755, -12.9429, 15.5102.



This preview shows how white text looks on a background with the HunterLab color 30.9755,

-12.9429, 15.5102.

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

30.9755, -12.9429, 15.5102

Protanopia

30.7882, -3.7797, 15.8432

Deuteranopia

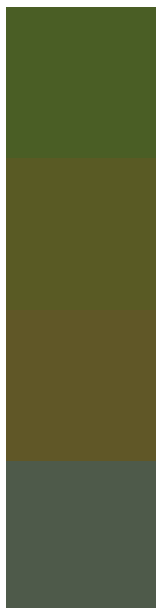
30.8672, 1.8480, 15.1966



Tritanopia

30.9112, -2.4197, -1.7611

Trichromacy



Original Color

30.9755, -12.9429, 15.5102

Protanomaly

30.9250, -7.3975, 15.7264

Deuteranomaly

30.7403, -3.8679, 15.1722

Tritanomaly

30.7025, -7.0204, 6.2850

Monochromacy



Original Color

30.9755, -12.9429, 15.5102

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.5147, -6.0767, 7.7264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9755, -12.9429, 15.5102 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(74, 94, 37)` looks like.

```
.text, #text, p{  
    color:rgb(74, 94, 37)  
}
```

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(74, 94, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 94, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9755, -12.9429, 15.5102 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(74, 94, 37) }
```


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

```
.border{ border-color:rgb(74, 94, 37) }
```

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

Here you see how a box with a 4 pixel rgb(74, 94, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 94, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 94, 37);  
box-shadow:4px 4px 4px 4px rgb(74, 94, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.9755, -12.9429, 15.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 94, 37) }
```

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

```
.background{ background-color: rgb(74, 94,  
37) }
```

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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